

# Road Safety Audit



Enfield, New Hampshire

US Route 4/Main Street Intersection

and

US Route 4 Corridor from the Lebanon/Enfield Town  
Line to Main Street



July 12, 2012

# Road Safety Audit Report

## Table of Contents

Background .....	3
US Route 4 Corridor .....	3
US Route 4/Main Street Intersection .....	5
Accident Data .....	7
Road Safety Audit Process .....	9
Stakeholder Concerns.....	10
Risk Analysis.....	13
Risk Mitigation Strategies: .....	15
US Route 4 Corridor Summary .....	17
US Route 4/Main St. Intersection Summary .....	18
Audit Response .....	21

## Table of Figures

Figure 1 - US Route 4 Corridor .....	4
Figure 2 – US Route 4/Main Street Intersection .....	5
Figure 3 – PM Peak Turning Movement Counts .....	6
Figure 4 – RSA Process.....	9
Figure 5 - Shoulders along US Route 4 .....	10
Figure 6 – Sight Distance Obstacles for Main St.....	11
Figure 7 – Maple St. Splitter Island.....	12
Figure 8 – Crosswalks at Main St. and US Route 4 .....	19
Figure 9 – Crosswalks and pizza shop entrance .....	20
Figure 10 – Bus Stop .....	20

Project Title: Enfield, NH – US Route 4/Main Street Intersection and US Route 4 Corridor from the Lebanon/Enfield Town Line to Main Street.

Date Audit Conducted: July 12, 2012

RSA Team and Participants:

Town of Enfield	Steven Schneider Phil Neily Jim Taylor Sgt. Ken May	Town Manager ZBA DPW Police Department
Upper Valley Lake Sunapee Regional Planning Commission	Nathan Miller Adam Ricker	Planning Director Assistant Planner
NHDOT	Stuart Thompson Sally Gunn Mike Dugas	Safety Engineer Senior Traffic Operations Engineer Chief of Preliminary Design
Martin Calawa	FHWA	Safety and Operations Engineer
NHDOT District 2	Douglas King	Assistant District Engineer
CHA	Nicolas Bosonetto Chris Lama	Project Engineer Project Engineer

Project Characteristics:

Audit type: Existing Roads

Units of Measure: US - Imperial

Adjacent Land Use: Residential/Commercial

Posted Speed Limits: US Route 4 – 30/40 mph.

Functional Classification: US Route 4 – Minor Arterial, Main St. – Minor Collector

Terrain: Rolling, rural

Climatic Conditions: Cold winters with snow – icing possible

Location: Town of Enfield, NH

NHDOT Project Number: 16215-D

## Background:

The Town of Enfield is located in north-western New Hampshire about 7 miles east of the City of Lebanon. Enfield has a population of 4,582 residents as of the 2010 census. The main population and commercial center is in the Village of Enfield, which is located at the intersections of Main Street and US Route 4.

US Route 4 is the main corridor connecting the Village of Enfield with the City of Lebanon. US Route 4 is a two lane road with narrow shoulders that travels to the north of Mascoma Lake and over steep and winding terrain. US Route 4 serves as an important multi-modal regional and state artery carrying significant volumes of heavy vehicle traffic and serves as a major east-west connection in this part of the state.<sup>1</sup> At the local level, it is the main route between Enfield and the major commercial center of the City of Lebanon, where major employers like Dartmouth-Hitchcock Medical Center are located. US Route 4 has become a commuter corridor in the study area. Advance Transit also operates the Blue Line bus route along US Route 4 connecting Enfield with the large employment centers to the west.

NH Route 4A provides an alternate route by traveling along the southwest shore of the Mascoma Lake. Main Street connects US Route 4 and NH Route 4A over a bridge that bisects Mascoma Lake. Main Street is the main artery through the Village district and there are many businesses located along it. The Village houses town offices, various businesses, churches, parks and schools. Also about one quarter of the population (1,540) lives in this Village district. The Village is therefore a very busy area with a substantial number of pedestrians including children.

This RSA focuses on both the US Route 4 corridor and the US Route 4/Main St. intersection. These study areas are analyzed separately but recommendations may apply to both.

## US Route 4 Corridor

The speed limit on US Route 4 is 30 mph east of Morhouse Lane and 40 mph to the west. This location is approximately the crest of a steep hill between the Village center and the Lebanon/Enfield town line. There is a marked school zone beginning at Flanders St through to Flanders St west where the speed limit is 20 mph when active. There are several crosswalks starting at High St and continuing through to the Village center.

US Route 4 has an average daily traffic count of 11,756 vehicles<sup>2</sup>. Main St. has an average daily traffic count of 1,395 vehicles per day, but this number was taken at the railroad bridge which is almost a mile south.<sup>3</sup>

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<sup>1</sup> US Route 4 corridor Management Study, UVLSRPC, February 2007, pg. 5

<sup>2</sup> Traffic Count conducted in 2011 on US Route 4 at Enfield T/L (station 145052).

<sup>3</sup> Traffic Count conducted in 2009 on Main St at RR bridge (station 145058).

Safety concerns along the US Route 4 corridor and at the intersection of US Route 4/Main St have been ongoing. UVLSRPC conducted a Corridor Management Study and Road Safety Audit in February 2007. This study recognized the following needs along our study area:

- Create sidewalks along Main St. from the police station to US Route 4, and along US Route 4;
- Improve level-of-service, safety and geometry at the US Route 4/Main St. intersection;
- Create four foot shoulders along the US Route 4 corridor;
- Remove hazards from clear zone along US Route 4 corridor;
- Develop Access Management strategies along US Route 4 corridor;
- Protect Mascoma Lake watershed;
- Maintain clear pavement markings;
- Improve level of service at High St. and Maple/Main St. intersection;
- Improve sight distance along US Route 4 at Lebanon/Enfield town line.

The segment of US Route 4 included in this study extends from the Enfield town line to the Main St. intersection as shown in Figure 1 below:

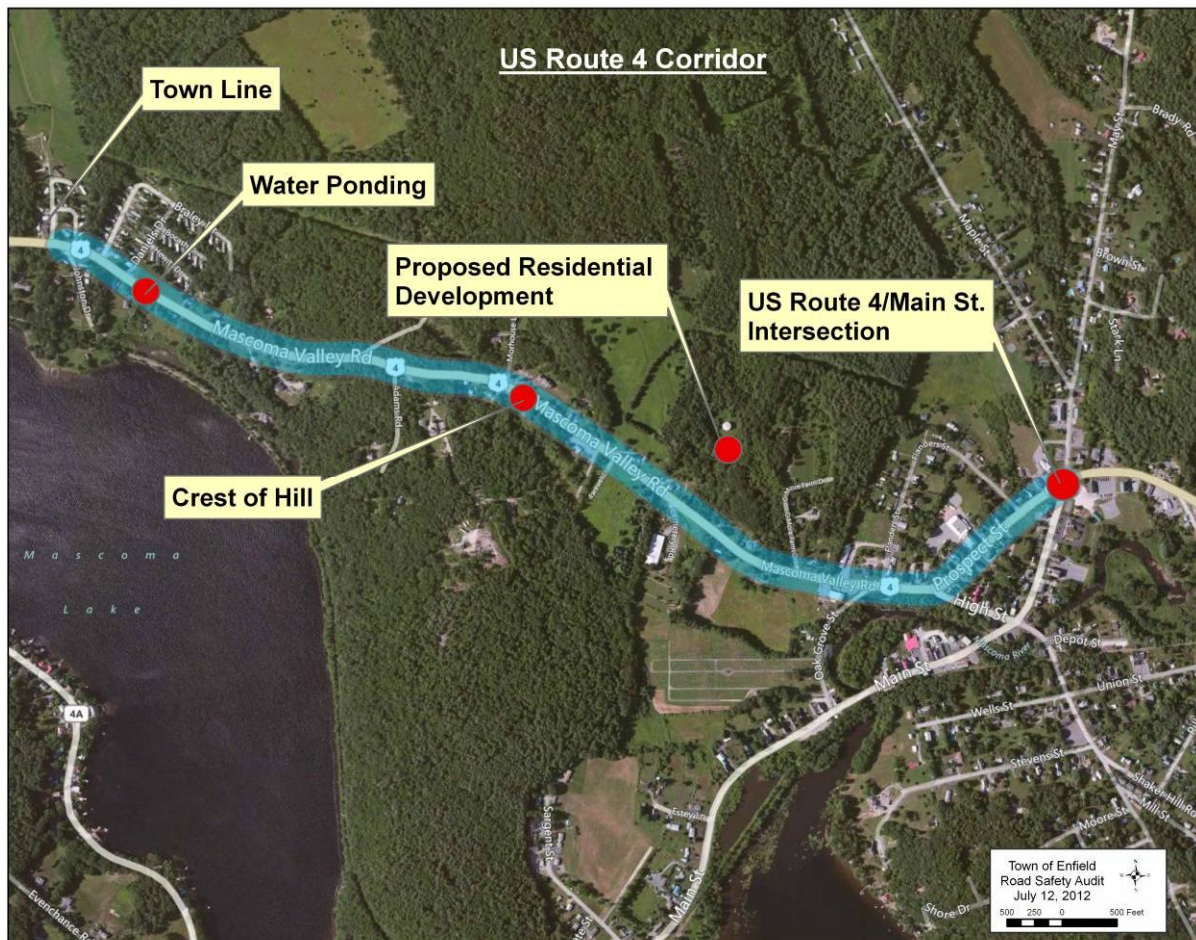


Figure 1 - US Route 4 Corridor



## US Route 4/Main Street Intersection

The US Route 4/Main Street Intersection is located in the Village district about 1.5 miles east of the Lebanon/Enfield town line. US Route 4 has the right-of-way through the intersection, while Main St. and Maple St. are stop controlled. Maple St. has a slip ramp for vehicles turning to or from US Route 4 east and Main St. has a slip ramp for US Route 4 eastbound traffic turning south. The area around the intersection is densely developed with businesses, residences, churches and government offices. There is a bus stop to the east of the intersection. There are several crosswalks and sidewalks along US Route 4 and Main Street. The sidewalks are not located on both sides of the road and alternate as to which side they serve. Figure 2 below shows a close up of the area.

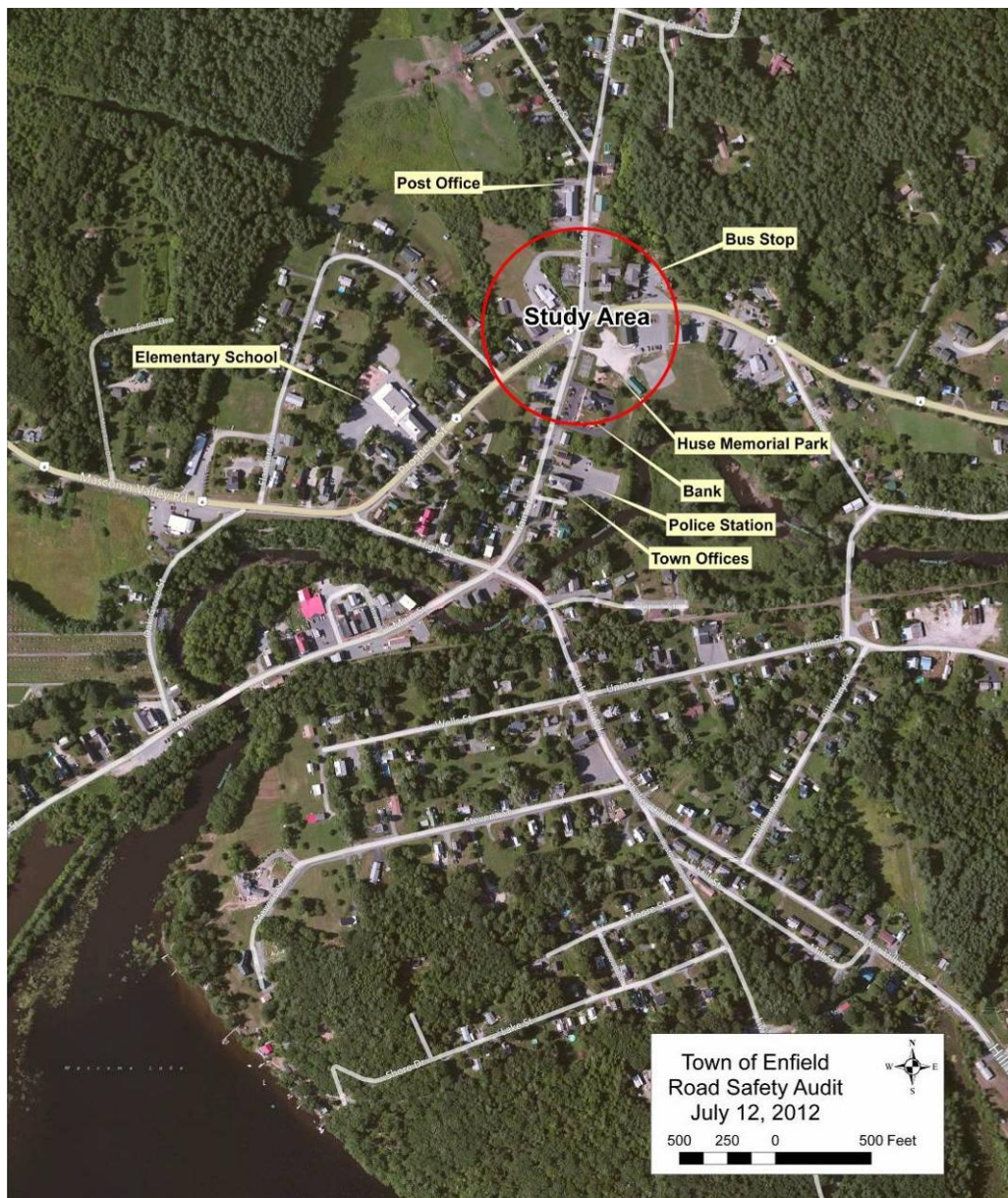


Figure 2 – US Route 4/Main Street Intersection

The Upper Valley Lake Sunapee Regional Planning Commission (UVLSRPC) conducted turning movement counts at the subject intersection on March 3, 2010. The peak hours at the intersection are from 7:15 to 8:15 AM (971 vehicles) and from 4:15 to 5:15 PM (1,050 vehicles). Most of the PM traffic (692 out of 1,050 vehicles) is thru traffic on US Route 4. The largest turning movement volume is right turns from Main St onto US Route 4 eastbound (79 vehicles) and US Route 4 eastbound turning left onto Maple St (67 vehicles). Figure 3 shows the PM peak hour counts. See Appendix A for turning movement count and traffic data.

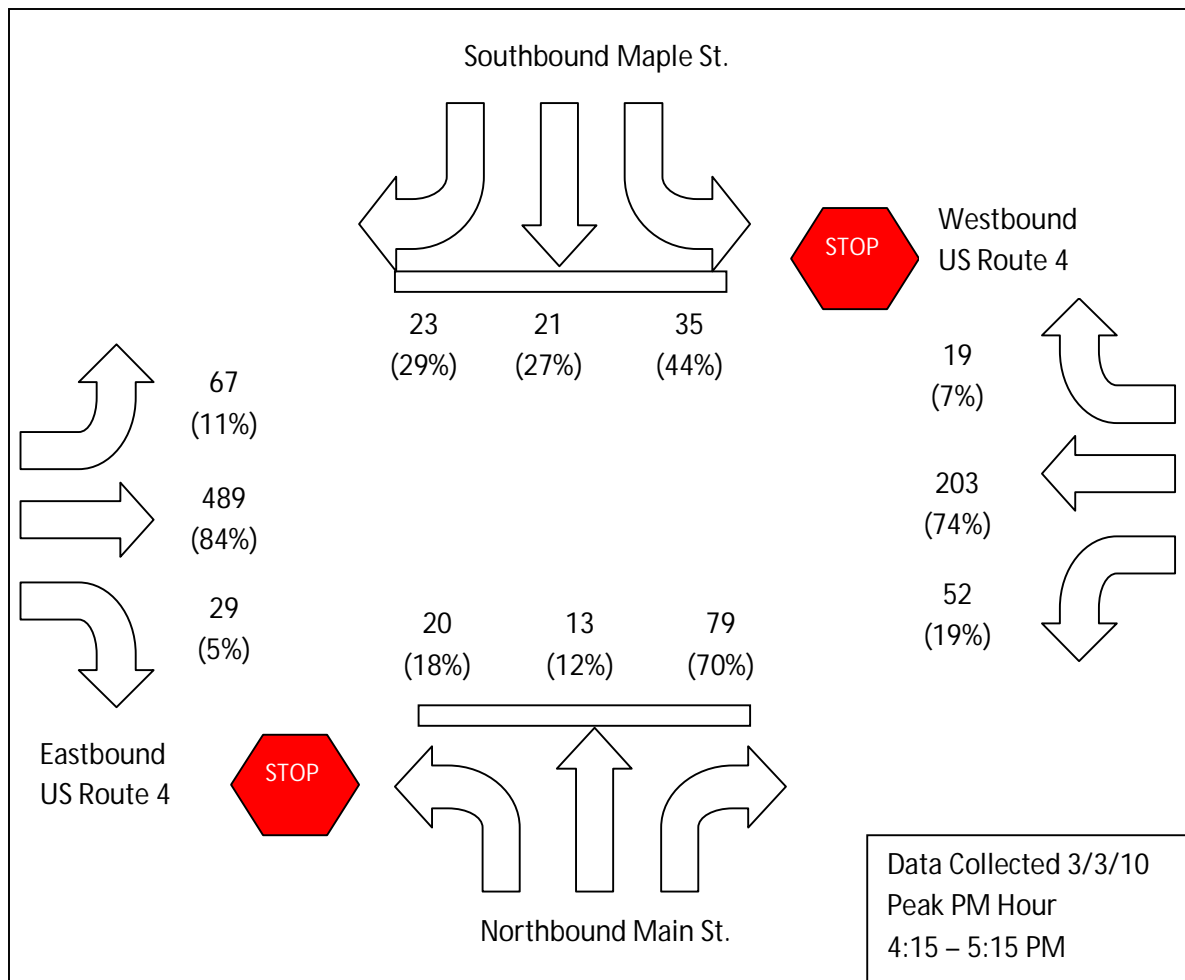


Figure 3 – PM Peak Turning Movement Counts

## Accident Data

Accident data for the US Route 4 corridor and the Main St. intersection were analyzed from a dataset that contains data from January 1<sup>st</sup>, 2002 to December 31<sup>st</sup>, 2009. This dataset is reported by route segment and intersection from the NH DOT's Safety Analyst database (See Appendix B for crash report data). The two main corridor segments are from the town line to High St. and from High St. to Main St., and the four intersections at High St., Flanders St., Flanders St. West, and Main St. as follows:

### US Route 4 Corridor from Lebanon/Enfield town line to High St.

There were 31 crashes along the US Route 4 corridor from the town line to High St. in the eight year period, averaging 3.875 crashes per year. Although there were no fatalities, 13 of these crashes resulted in injuries (42%). A summary of crash data is as follows:

- 1 severe injury, 12 minor injury, 18 Property Damage Only (PDO)
- 67% of crashes during daylight
- 6 crashes with animals
- 11 crashes involve fixed objects/run off the road
- 0 crashes involving bicyclist/pedestrian
- 1 other single vehicle crash
- 3 rear-end crashes
- 10 other multiple vehicle crashes
- 2 crashes involved drugs/alcohol
- 9 crashes involve snow/road conditions as a contributing factor
- 1 crash involved a driveway

### US Route 4 Corridor from High St. to Main St.

There were 16 crashes between High St. and Main St. in the eight year period, averaging 2.0 crashes per year. Although there were no fatalities, 3 of these crashes resulted in injuries (19%). A summary of crash data is as follows:

- 0 severe injury, 3 minor injury, 13 Property Damage Only (PDO)
- 81% of crashes during daylight
- 1 crash involved an animal
- 5 crashes involve fixed objects/run off the road
- 0 crashes involving bicyclist/pedestrian
- 4 rear-end crashes
- 6 other multiple vehicle crashes
- 1 crash involved drugs/alcohol
- 2 crashes involved weather/road conditions as a contributing factor



#### US Route 4/High St. Intersection

There were two crashes at this intersection (0.25 per year). None of the accidents involved injuries. One was a run-off-the-road crash at night into a fixed object, and the other was a crash between a vehicle traveling through on US Route 4 and another vehicle turning left onto High St.

#### US Route 4/Flanders St. Intersection

There was only one crash at this intersection in 2009 (0.125 per year). There was a minor injury associated with this rear end crash.

#### US Route 4/Flanders St. West Intersection

There were five crashes at this intersection (0.625 per year). Two were serious injury crashes and three were property damage only (PDO). Both severe injury crashes were rear end crashes.

#### US Route 4/Main St. Intersection

There were 11 crashes at the Main St. intersection in the eight year period, averaging 1.375 crashes per year. Although there were no fatalities, 7 of these crashes resulted in injuries (63%). A summary of crash data is as follows:

- 3 severe injury, 4 minor injury, 4 Property Damage Only (PDO)
- 91% of crashes during daylight
- 7 crashes right angle crashes
- 2 crashes involve rear-end collisions
- 1 crash involving a bicyclist
- 1 single vehicle crash
- No crashes involved drugs/alcohol
- Only 2 crashes involve snow/road conditions as a contributing factor

### Road Safety Audit Process:

The Road Safety Audit (RSA) is an eight step process. Step 1 and Step 2 were completed by NHDOT and the UVLSRPC. Together they selected the intersection for study and identified the key stakeholders, owners, and consultants necessary to conduct the RSA. This RSA Team was involved in Steps 3 through 6. NHDOT will be responsible for Steps 7 and 8.

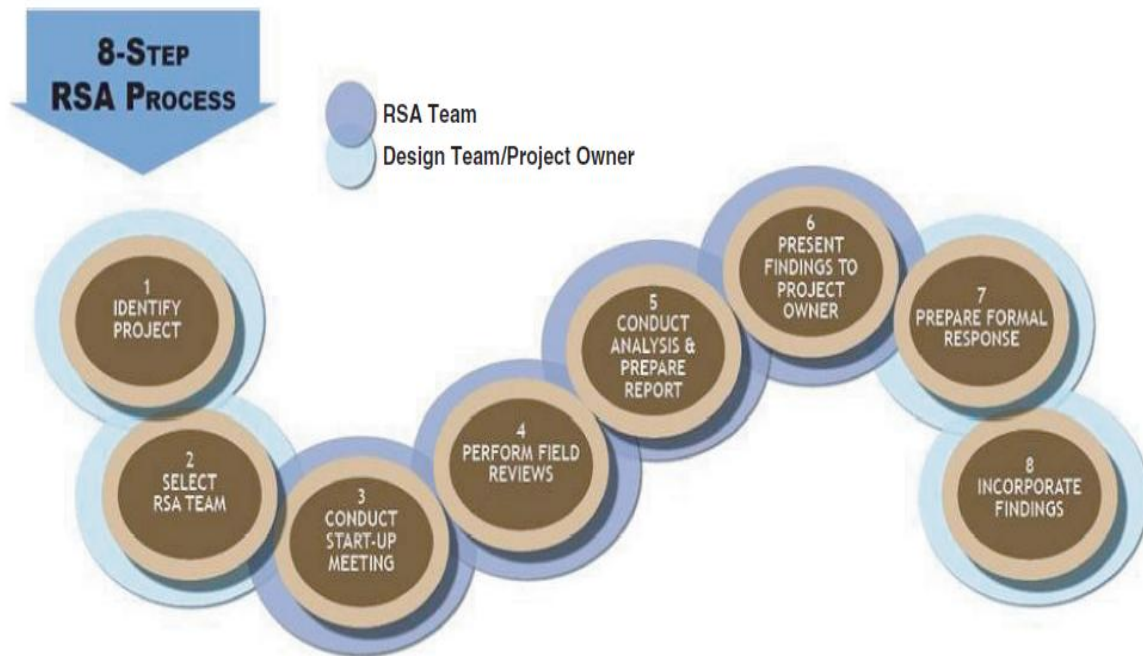


Figure 4 – RSA Process

The RSA Team met on July 12, 2012 at the Enfield Public Works Department. The agenda was as follows:

1. Presentation of the RSA process, scope, and objectives to the RSA Team;
2. Present background information on project area;
3. Group discussion on safety issues and concerns;
4. Field review at project site;
5. Discussion of site observations, risk assessment, and possible solutions;
6. Discussion of next steps.

### Stakeholder Concerns:

A field visit was conducted between 10:15 AM and 1:00 PM on July 12, 2012. The weather was warm and sunny. During the start-up meeting the RSA Team was provided with a list of possible safety concerns to consider during their inspection of the intersection, including those outlined in the corridor study conducted by UVLSRPC. As a result of this site visit and discussions during the start-up meeting, the following concerns and comments were raised:

#### US Route 4 Corridor

- Shoulder widths along US Route 4 are of primary concern. The shoulders are very narrow or non-existent in some locations. Due to the topography of the area there is little to no room for shoulders where the road has steep hillsides on both sides. Combined with the volume and speed of traffic the lack of adequate shoulders represents a safety concern.
- A related problem to the lack of shoulders is the presence of roadside obstructions within the clear zone. Roadside obstructions include trees, utility poles, steep slopes, and guardrail end treatments which are not crash worthy. While the recommended width of a clear zone varies with speed, volume, and geometry, it is clear that this corridor has many obstructions within feet of the travel way.
- The vertical and horizontal alignment of US Route 4 is very steep and windy.



Figure 5 - Shoulders along US Route 4



- There are drainage issues and a puddling problem at the bottom of the hill by the town line. There is some apparent settlement in the roadway causing the water to collect at this spot.
- A 154 unit residential development is proposed to be built along US Route 4 in the vicinity of the Great View Roller Coaster Rink. This development would access US Route 4 along the east side of the hill.
- The steep grades on the hill between the town line and Enfield Village become a hazard during the winter due to icing conditions. The heavy traffic volumes compact the snow before it can be plowed and tractor trailers have a very difficult time making it to the top of the hill. Often times, trucks become stuck on the western side of the hill and block traffic. This creates a hazardous condition for both travelers and emergency responders.
- The winter conditions are also an issue due to the steep slopes on the south side and the presence of numerous roadside obstructions.

#### Main St./Maple St./US Route 4 Intersection

- There is poor sight distance from Main St. looking east on US Route 4. There are numerous private signs, trees, and other obstructions. This intersection is also located at a horizontal curve on US Route 4.

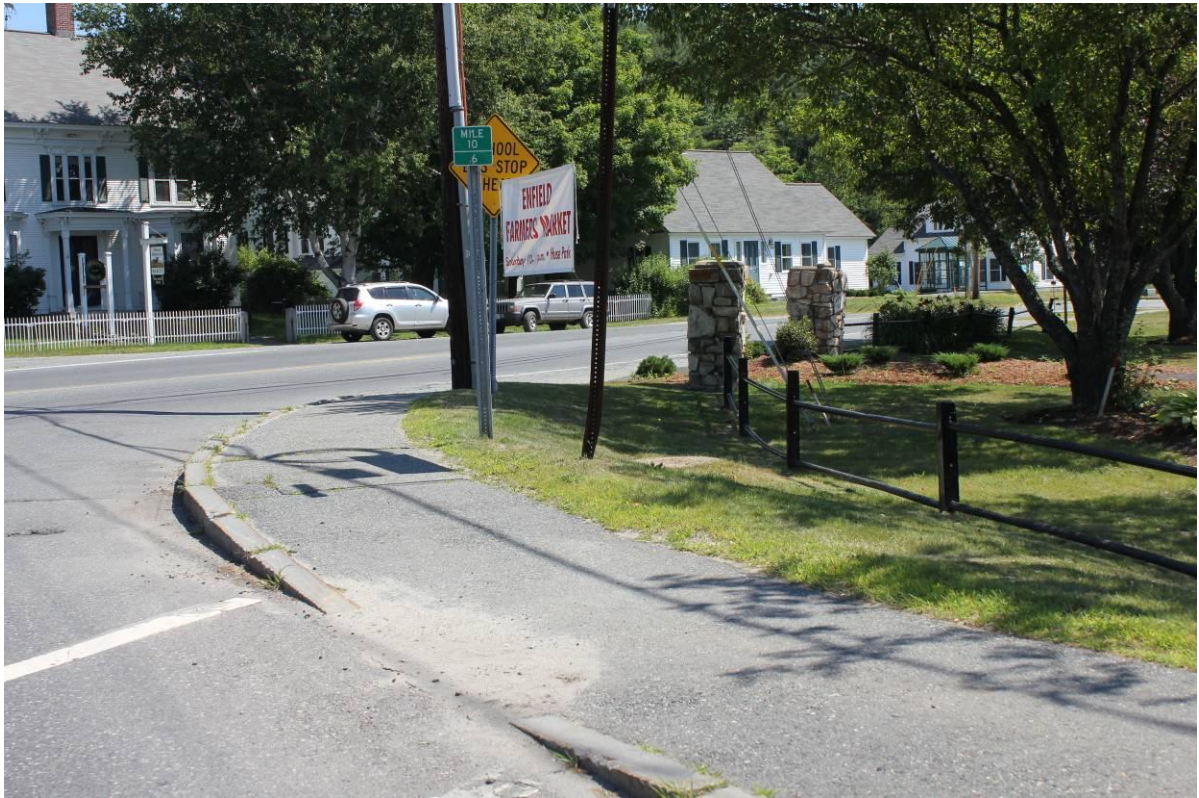


Figure 6 – Sight Distance Obstacles for Main St



Figure 7 – Maple St. Splitter Island

- Maple St. and Main St. are offset from each other, creating conflict points.
- This intersection is very busy and it is difficult for vehicles to turn onto US Route 4 during peak hours.
- Main St. traffic encroaches onto US Route 4 as vehicles pull out onto the road to better see traffic approaching from the east.
- There are often children using the crosswalks at this intersection.
- The crosswalks in this area are inconveniently located, with not one direct crossing, but several crossings at different locations and at splitter islands.
- Activity at Huse Park tends to distract motorists using the intersection.
- There is no sidewalk along Huse Park from US Route 4 to the village center.
- Advanced Transit's Blue Line has a bus stop on the northeast side of the intersection. This is one of the busiest bus routes in the state of NH – serving a quarter of a million riders per year.
- Maple St. has a splitter island with a slip ramp which appears to allow two-way traffic to and from Route 4 east, although it is unmarked.



### Risk Analysis:

Based on the data presented, stakeholder discussion, and site evaluation, the RSA Team identified safety issues and concerns. The following charts summarize the risk analysis and mitigation strategies that were discussed.

<u>Safety Issue</u>		<u>Safety Risk</u>	<u>Crash Risk Rating</u>
US Route 4 Corridor			
1	Ponding at town line.	Ponding can cause hydroplaning or ice.	High Risk Level
2	Ponding at driveways just west of the water tower.	This ponding is on private property and therefore outside the scope of this RSA.	N/A
3	Ice on steep grade on west side of hill.	Trucks get stuck on hill during winter storms.	High Risk Level
4	Lack of shoulders.	No accommodation for un-motorized users. Little or no margin for error when vehicles depart the lane. No room for vehicles to pull over in case of emergency.	High Risk Level
5	Vertical curve before Flanders Road.	Sight line issues.	Medium Risk Level
6	Roadside obstructions within clear zone.	Objects within clear zone pose a danger to vehicles that may strike them.	High Risk Level
7	Crosswalks not clearly marked.	Pedestrians may be unsure where to cross road. Motorists cannot clearly see where pedestrians may be crossing.	Medium Risk Level
8	School Zone is too long.	Motorists may think they have passed school and speed back up.	Medium Risk Level
9	Guardrail end treatments are not crash worthy.	Guardrail ends become dangerous for vehicles.	High Risk Level
10	Planned residential development 0.34 miles west of High Street at crest of hill.	Large new development would create a new intersection and add stopping and turning traffic to US Route 4.	Medium Risk Level
11	Lack of access management	Lack of access management causes development to continually increase the number of curb cuts and conflict points.	Medium Risk Level

Main St./Maple St./US Route 4 Intersection			
1	Maple St. slip lane causes confusion.	Slip lane is unmarked and causes confusion since it creates a fifth leg to the intersection.	High Risk Level
2	Main St. sight distance looking eastward is blocked.	The lack of sight lines can cause accidents by obstructing view of approaching vehicles.	High Risk Level
3	Missing sidewalk on east side of Main St.	Pedestrians walking on Main St. may be struck by cars.	Medium Risk Level
4	Pedestrian crosswalks are long and indirect.	The length of crosswalks increase the time a pedestrian is exposed to traffic. Also the number of crosswalks required to reach a destination adds to the pedestrians' exposure and confusion for motorist.	High Risk Level
5	Skewed angle of intersection.	Main St. and Maple St. are not aligned to each other. Also US Route 4 approaches along a curve.	High Risk Level
6	Width of throat at Maple St. and Main St.	The greater the width of the road approach the more chance that vehicles will try to bypass a vehicle waiting to turn in front of them. Also adds to the length of crosswalk required.	Medium Risk Level
7	Drainage at pedestrian refuge island on Main Street.	Poor drainage creates problems for both vehicles and pedestrians.	Medium Risk Level.
8	Visibility of Main St. from US Route 4 west bound.	Poor sight lines increase the likelihood of a vehicle entering the intersection when another vehicle is approaching.	High Risk Level
9	Very wide entrance at pizza restaurant just west of Maple Street.	Wide drive entrances increases exposure of pedestrians trying to cross driveway and also increase the number of conflict points for vehicles entering and exiting.	Medium Risk Level
10	No sidewalk to bus stop.	A bus stop should be serviced by a sidewalk since it is very likely that it will be used.	Medium Risk Level
11	Fire hydrant in Maple Street splitter island.	Fire trucks using hydrant would block road when using it.	Medium Risk Level

### Risk Mitigation Strategies:

Next the RSA Team brainstormed ideas on how these safety issues could be corrected. All suggestions were welcomed and considered. Each possible risk-mitigation solution was categorized as a long, medium, or short term solution based on when they could be implemented. Short term solutions could feasibly be accomplished within six months, medium term within six months to two years, and long term solutions would be those that would take more than two years to implement.

US Route 4 Corridor				
	Suggested Strategy	Risk(s) Addressed	Mitigation Timeframe	Responsible Stakeholder
A	High friction pavement on steep grades	3	Medium	NHDOT
B	Repaint fog lines	4, 6	Short	NHDOT
C	Re-grade/fix drainage in low spot by two driveways	2	Medium	NHDOT
D	Replace guardrail end treatments	9	Medium	NHDOT
E	Install intersection ahead signs	5	Short	NHDOT
F	Widen shoulders	4, 6	Long	NHDOT
G	Install new pedestrian crossing signs/repaint crosswalks	7	Short	NHDOT/Enfield
H	Evaluate drainage & fix ponding problem	1	Medium	NHDOT
I	Realign vertical curves at Flanders intersection	5	Long	NHDOT
J	Develop Access management guidelines	10, 11	Medium	NHDOT/Enfield
K	Review school zone location	8	Short	NHDOT/Enfield
L	Install signs warning of freezing conditions on hill and develop alternate routes along Main St./NH Route 4A	3	Medium	NHDOT/UVLSRPC

Main St./Maple St./US Route 4 Intersection				
	Suggested Strategy	Risk(s) Addressed	Mitigation Timeframe	Responsible Stakeholder
A	Remove Maple St. slip lane and install curb and sidewalk	1, 6, 10, 11	Medium	Enfield
B	Install pavement markings on Maple St to designate lanes	1	Short	Enfield
C	Build sidewalk on Main St. to connect US Route 4 sidewalk	3	Short	Enfield
D	Build Roundabout at Main St./Maple St./US Route 4	1, 2, 4, 5, 6, 7, 8	Long	NHDOT, Enfield, UVLSRPC
E	Build grade-separated pedestrian crossing over/under US Route 4	4	Long	Enfield
F	Signalize Main St./Maple St./US Route 4 intersection	1, 2, 4, 5, 7, 8, 11	Medium	NHDOT
G	Narrow entrance to Pizza Place	9	Medium	NHDOT/Enfield
H	Realign/repaint pedestrian crossings	4	Short	Enfield
I	Make Main St. one way southbound to reduce number of turning movements at US Route 4.	4	Short	NHDOT/Enfield

## US Route 4 Corridor Summary:

### High Risk Safety Issues

As previously discussed, the RSA Team identified six high risk safety issues as contributing factors that make this corridor dangerous. Namely these issues had to do with the geometry of the roadway – specifically the steep grades, alignment, and lack of shoulders/clear zone. To address these high risk safety issues, six possible solutions were offered:

#### Short Term Solutions:

1. NHDOT to review maintenance policies for repainting fog lines once a year along the corridor to improve visibility of the edges of the travel lanes.
2. NHDOT in coordination with UVLSRPC to study alternate routes during freezing conditions and the use of sensors and electronic signs to warn motorist when the steep grades on the hill become dangerous. Long term maintenance of system and incorporation into ITS architecture should also be considered.

#### Medium Term Solutions:

3. NHDOT to investigate possibility of using high friction pavement on steep grades to aid trucks climbing the hill during the winter.
4. NHDOT to investigate replacing guardrail end treatments with crash worthy terminal units.
5. NHDOT to study how to best address the ponding/drainage issues at the two locations identified by the RSA team.

#### Long Term Solutions:

6. NHDOT to evaluate how/where to widen shoulders.

### Medium Risk Safety Issues

Five medium risk safety issues were identified by the RSA Team for this corridor. These issues are related to access management, sight distances, and crosswalk issues. Five possible solutions were offered:

#### Short Term Solutions:

1. NHDOT to review placement of intersection ahead signs along the corridor, including those on curves.
2. NHDOT to review placement of crosswalk signs and Town of Enfield to coordinate with NHDOT in repainting crosswalks in these locations.
3. NHDOT and Town of Enfield to review school zone location and related signage/pavement markings. Town of Enfield and UVLSRPC to consider Safe Routes to School application.



#### Medium Term Solutions:

4. NHDOT and Town of Enfield to study the need for Access Management guidelines along the corridor.

#### Long Term Solutions:

5. NHDOT to study the feasibility of realigning the vertical curves at the Flanders Road intersection.

### US Route 4/Main St. Intersection Summary:

#### High Risk Safety Issues

As previously discussed, the RSA Team identified five high risk safety issues as contributing factors that make this intersection dangerous. Namely these issues had to do with the sight distance between turning vehicles, pedestrian crosswalks, and the Maple St. slip ramp. To address these high risk safety issues, seven possible solutions were offered:

#### Short Term Solutions:

1. Town of Enfield to paint pavement markings on Maple St. slip lane to designate lanes and stop bars.
2. Town of Enfield to study possible realignment of crosswalks on Main St./US Route 4 and repaint as necessary.
3. The Town of Enfield in cooperation with NHDOT to study the feasibility of making Main St. a one way street southbound for the purposes of reducing the number of turning movements at the intersection.

#### Medium Term Solutions:

4. Town of Enfield to study the possibility of removing the Maple St. slip ramp and installing curb and sidewalk in its place. This measure would remove this unnecessary fifth source of conflict at the intersection while also adding sidewalks to the bus stop.
5. NHDOT in collaboration with UVLSRPC and Town of Enfield to investigate the possibility of installing a signal at this intersection. This task should be coordinated with task 6 below.

#### Long Term Solutions:

6. NHDOT in collaboration with UVLSRPC and the Town of Enfield to investigate potential for building a roundabout at the intersection. This task should be coordinated with task 5 above.
7. Town of Enfield to investigate the feasibility of building a grade separated pedestrian crossing over or under US Route 4.

#### Medium Risk Safety Issues

Six medium risk safety issues were identified by the RSA Team for this intersection. These issues are related to sidewalks, geometry and access management issues. Many of these issues would be addressed by the solutions offered under the High Risk issues above. Two possible solutions were offered:

Short Term Solutions:

1. The Town of Enfield to investigate the feasibility of building sidewalks along the eastern side of Main St. to connect existing sidewalk to US Route 4.

Medium Term Solutions:

2. NHDOT and the Town of Enfield to investigate the possibility of narrowing the entrance at the pizza shop to decrease the access area and make traffic movements more orderly and predictable.



Figure 8 – Crosswalks at Main St. and US Route 4



Figure 9 – Crosswalks and pizza shop entrance



Figure 10 – Bus Stop

### Audit Response:

Submission of this report represents completion of Steps 1 through 6 of the RSA process. NHDOT, as the project owner, will prepare a formal response addressing the audit findings. The responses should outline what actions the owner will take related to each safety concern listed in the report. NHDOT may either:

- Agree with the suggestion described by the audit team and commit to its implementation outlining a schedule for the completion of the suggestion;
- Disagree with the suggestion described by the audit team and commit to an alternative, outlining a schedule for the completion of the alternative. In doing so, the owner should provide a valid reason as to why they choose not to adopt the audit team's suggestions;
- Choose not to implement certain improvements at all due to constraint or disagreement regarding the safety issue, believing that there is no increased risk associated with the concern raised by the audit team. In doing so, the owner should document the reasoning behind their decision.

NHDOT will present the formal response to the Board of Selectmen, at which point they may comment on the final recommendations.

# Road Safety Audit Report

## Appendix A – Turning Movement Counts/Traffic Counts



# UVLSRPC

10 Water Street, Suite 225  
Lebanon, NH 03766

File Name : enfield030310

Site Code : 1111111

Start Date : 3/3/2010

Page No : 1

## Groups Printed- Unshifted - Bank 1

	Maple Street From North					U.S. Route 4 From East					Main Street From South					U.S. Route 4 From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
06:00 AM	7	1	0	0	8	2	69	1	0	72	1	1	0	0	2	0	12	0	0	12	94
06:15 AM	12	0	3	0	15	2	119	3	0	124	4	2	0	0	6	0	11	2	0	13	158
06:30 AM	7	1	3	0	11	1	163	3	0	167	5	1	3	0	9	0	17	2	0	19	206
06:45 AM	5	1	1	0	7	1	126	8	0	135	7	0	2	0	9	0	18	2	0	20	171
Total	31	3	7	0	41	6	477	15	0	498	17	4	5	0	26	0	58	6	0	64	629
07:00 AM	10	1	1	0	12	2	112	3	0	117	4	1	1	0	6	0	37	1	0	38	173
07:15 AM	14	1	1	0	16	3	153	3	0	159	8	3	1	0	12	0	43	1	0	44	231
07:30 AM	17	0	6	0	23	1	162	8	0	171	17	4	2	0	23	5	65	2	0	72	289
07:45 AM	12	4	3	0	19	6	128	11	0	145	12	1	4	0	17	4	57	4	0	65	246
Total	53	6	11	0	70	12	555	25	0	592	41	9	8	0	58	9	202	8	0	219	939
08:00 AM	6	3	5	0	14	2	121	11	0	134	5	5	4	0	14	3	37	3	0	43	205
08:15 AM	9	1	3	0	13	7	97	19	0	123	9	2	4	0	15	0	46	3	0	49	200
08:30 AM	6	2	6	0	14	3	92	9	0	104	4	3	1	0	8	0	35	5	0	40	166
08:45 AM	3	4	6	0	13	4	78	5	0	87	8	3	4	0	15	1	24	2	0	27	142
Total	24	10	20	0	54	16	388	44	0	448	26	13	13	0	52	4	142	13	0	159	713
09:00 AM	8	4	2	0	14	3	62	11	0	76	14	1	8	0	23	4	29	0	0	33	146
09:15 AM	2	4	2	0	8	4	54	9	0	67	8	4	3	0	15	3	32	6	0	41	131
09:30 AM	7	2	3	0	12	4	71	7	0	82	10	9	3	0	22	2	25	0	0	27	143
09:45 AM	13	6	2	0	21	4	45	7	0	56	10	7	5	0	22	4	31	3	0	38	137
Total	30	16	9	0	55	15	232	34	0	281	42	21	19	0	82	13	117	9	0	139	557
10:00 AM	12	3	2	0	17	5	46	13	0	64	9	3	2	0	14	0	35	2	0	37	132
10:15 AM	6	5	5	0	16	1	40	5	0	46	7	6	1	0	14	0	34	4	0	38	114
10:30 AM	7	2	5	0	14	6	59	11	0	76	9	3	6	0	18	0	42	5	0	47	155
10:45 AM	6	6	7	0	19	4	48	11	0	63	10	10	3	0	23	1	39	4	0	44	149
Total	31	16	19	0	66	16	193	40	0	249	35	22	12	0	69	1	150	15	0	166	550
11:00 AM	10	8	1	0	19	4	39	12	0	55	15	6	3	0	24	2	42	2	0	46	144
11:15 AM	5	2	3	0	10	4	49	9	0	62	6	6	1	0	13	4	57	2	0	63	148
11:30 AM	6	6	6	0	18	5	47	10	0	62	11	6	5	0	22	5	49	6	0	60	162
11:45 AM	4	5	3	0	12	7	34	12	0	53	12	4	1	0	17	2	38	3	0	43	125
Total	25	21	13	0	59	20	169	43	0	232	44	22	10	0	76	13	186	13	0	212	579
12:00 PM	3	5	7	0	15	8	41	12	0	61	21	3	5	0	29	7	44	7	0	58	163

# UVLSRPC

10 Water Street, Suite 225  
Lebanon, NH 03766

File Name : enfield030310

Site Code : 1111111

Start Date : 3/3/2010

Page No : 2

## Groups Printed- Unshifted - Bank 1

	Maple Street From North					U.S. Route 4 From East					Main Street From South					U.S. Route 4 From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
12:15 PM	6	6	5	0	17	5	53	5	0	63	13	6	7	0	26	2	50	5	0	57	163
12:30 PM	8	1	5	0	14	4	62	5	0	71	18	6	5	0	29	2	43	3	0	48	162
12:45 PM	3	11	2	0	16	5	41	9	0	55	5	1	7	0	13	4	50	4	0	58	142
Total	20	23	19	0	62	22	197	31	0	250	57	16	24	0	97	15	187	19	0	221	630
01:00 PM	7	2	3	0	12	6	46	7	0	59	12	7	3	0	22	3	37	6	0	46	139
01:15 PM	7	3	2	0	12	4	65	13	0	82	12	2	16	0	30	2	56	3	0	61	185
01:30 PM	7	3	5	0	15	10	58	6	0	74	8	1	7	0	16	3	59	3	0	65	170
01:45 PM	9	4	5	0	18	6	55	9	0	70	7	7	3	0	17	5	59	7	0	71	176
Total	30	12	15	0	57	26	224	35	0	285	39	17	29	0	85	13	211	19	0	243	670
02:00 PM	7	4	6	0	17	4	42	10	0	56	13	5	5	0	23	0	62	2	0	64	160
02:15 PM	3	6	6	0	15	5	56	12	0	73	17	2	4	0	23	4	65	4	0	73	184
02:30 PM	9	3	6	0	18	3	78	10	0	91	13	5	2	0	20	7	55	8	0	70	199
02:45 PM	11	2	7	0	20	5	48	2	0	55	11	7	4	0	22	4	81	11	0	96	193
Total	30	15	25	0	70	17	224	34	0	275	54	19	15	0	88	15	263	25	0	303	736
03:00 PM	8	6	9	0	23	9	63	16	0	88	11	3	4	0	18	6	87	14	0	107	236
03:15 PM	10	6	1	0	17	5	73	13	0	91	14	4	2	0	20	13	84	11	0	108	236
03:30 PM	5	7	5	0	17	7	65	14	0	86	18	6	5	0	29	7	76	9	0	92	224
03:45 PM	4	4	8	0	16	7	47	7	0	61	16	2	5	0	23	3	117	7	0	127	227
Total	27	23	23	0	73	28	248	50	0	326	59	15	16	0	90	29	364	41	0	434	923
04:00 PM	5	6	4	0	15	4	57	16	0	77	15	4	2	0	21	5	105	13	0	123	236
04:15 PM	9	5	9	0	23	6	51	9	0	66	25	4	7	0	36	7	119	18	0	144	269
04:30 PM	3	8	12	0	23	6	47	10	0	63	22	3	9	0	34	12	115	22	0	149	269
04:45 PM	9	5	6	0	20	5	47	14	0	66	19	5	2	0	26	7	135	15	0	157	269
Total	26	24	31	0	81	21	202	49	0	272	81	16	20	0	117	31	474	68	0	573	1043
05:00 PM	2	3	8	0	13	2	58	19	0	79	13	1	2	0	16	3	120	12	0	135	243
05:15 PM	11	2	4	0	17	3	52	10	0	65	10	2	6	0	18	2	140	12	0	154	254
05:30 PM	7	1	1	0	9	4	59	14	0	77	15	3	3	0	21	5	139	9	0	153	260
05:45 PM	4	1	2	0	7	3	50	9	0	62	7	2	1	0	10	6	84	9	0	99	178
Total	24	7	15	0	46	12	219	52	0	283	45	8	12	0	65	16	483	42	0	541	935
Grand Total	351	176	207	0	734	211	3328	452	0	3991	540	182	183	0	905	159	2837	278	0	3274	8904
Apprch %	47.8	24	28.2	0		5.3	83.4	11.3	0		59.7	20.1	20.2	0		4.9	86.7	8.5	0		
Total %	3.9	2	2.3	0	8.2	2.4	37.4	5.1	0	44.8	6.1	2	2.1	0	10.2	1.8	31.9	3.1	0	36.8	
Unshifted	351	176	207	0	734	211	3328	452	0	3991	540	182	183	0	905	159	2837	278	0	3274	8904
% Unshifted	100	100	100	0	100	100	100	100	0	100	100	100	100	0	100	100	100	100	0	100	100

10 Water Street, Suite 225  
Lebanon, NH 03766

File Name : enfield030310  
Site Code : 1111111  
Start Date : 3/3/2010  
Page No : 3

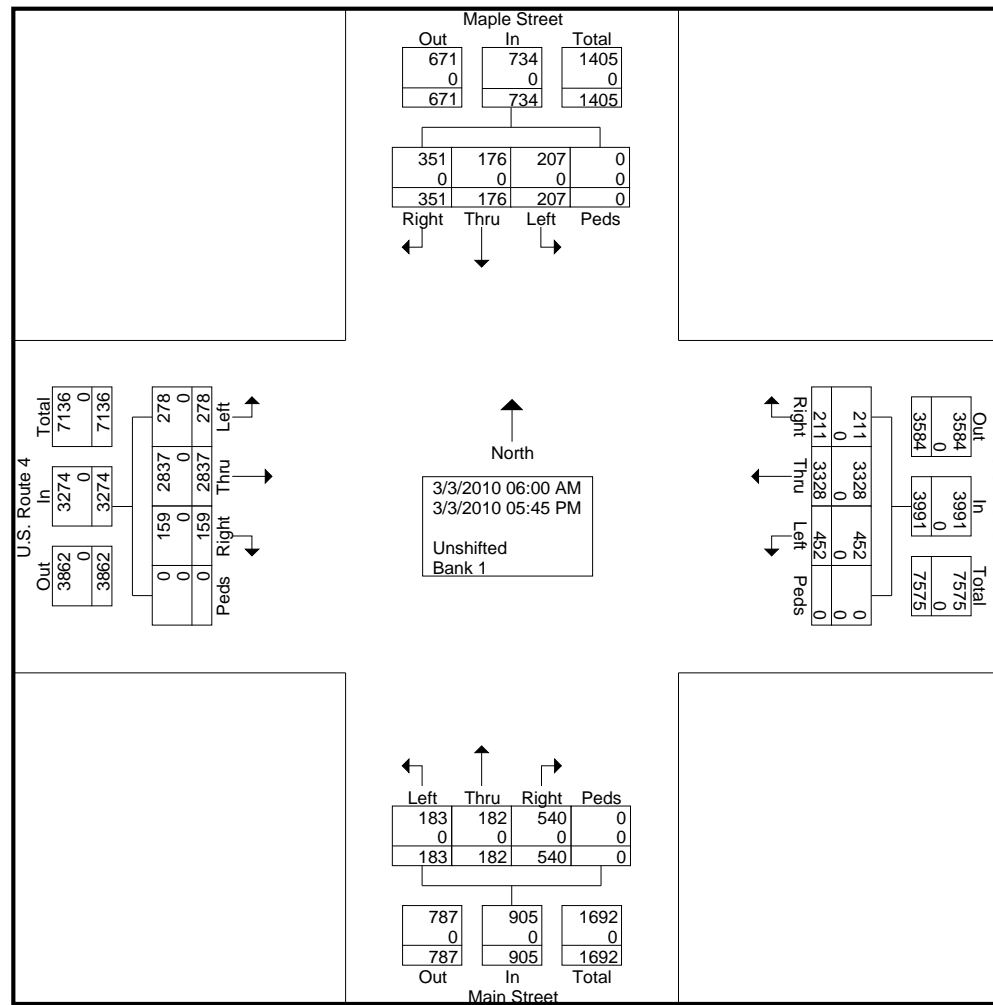
Groups Printed- Unshifted - Bank 1

[illegible]

# UVLSRPC

10 Water Street, Suite 225  
Lebanon, NH 03766

File Name : enfield030310  
Site Code : 1111111  
Start Date : 3/3/2010  
Page No : 4



STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC  
IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

4/3/2012

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF SEPTEMBER 2011

M O N	D A T E	D A Y	82 145052 ENFIELD- US 4 AT LEBANON TL																											
			12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total			
9	25	1	87	55	32	24	51	79	152	267	354	566	631	719	802	676	673	746	705	661	566	391	302	171	126	85	8921			
9	20	3	54	37	28	40	100	291	832	1139	759	562	556	595	615	600	735	1010	1065	1031	630	430	333	265	163	111	11981			
9	21	4	45	33	34	34	99	294	828	1198	747	563	571	546	684	713	782	964	1114	1088	701	519	308	231	165	144	12405			
9	22	5	54	39	30	41	111	305	808	1109	747	600	614	630	624	657	755	1047	1073	1054	653	488	362	292	165	141	12399			
9	23	6	73	43	35	55	98	279	757	1100	756	636	672	664	677	750	868	1134	1182	1079	770	541	376	278	217	182	13222			
9	24	7	82	62	42	31	80	118	246	431	592	715	791	830	783	753	780	762	746	660	534	470	340	281	217	143	10489			

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
82	145052	2011	September	6	8921	12502	10489	11756	352678		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:	
SUNDAY	566	802	746	AM - 6 AM TO 10 AM
WEEKDAY	1136	684	1108	MIDDAY - 10 AM TO 2 PM
SATURDAY	715	830	780	PM - 2 PM TO 8 PM



STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC  
IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

4/3/2012

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF SEPTEMBER 2009

**82 145058 ENFIELD- MAIN ST UNDER STATE OF NH RR OVERPASS**

**M D D  
O A A  
N T Y  
E**

			12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
9	27	1	7	3	2	2	1	1	6	13	40	49	86	96	86	85	61	53	66	74	65	52	40	18	7	7	920
9	22	3	3	1	0	0	0	4	36	104	68	60	68	105	83	87	82	104	127	122	70	66	40	25	9	6	1270
9	23	4	0	8	1	2	1	5	23	95	88	70	78	75	103	84	89	112	161	182	135	119	31	19	19	11	1511
9	24	5	1	6	1	0	1	3	27	98	83	52	80	104	118	103	112	126	149	133	99	108	54	26	13	7	1504
9	25	6	14	5	2	3	1	12	31	95	76	75	73	76	87	84	102	136	119	118	120	64	72	46	23	15	1449
9	26	7	5	6	1	0	5	4	11	33	91	121	171	154	137	128	143	125	121	118	117	79	39	28	15	6	1658

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
82	145058	2009	September	6	920	1434	1658	1395	41849		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:	
SUNDAY	49	96	74	AM - 6 AM TO 10 AM
WEEKDAY	98	103	148	MIDDAY - 10 AM TO 2 PM
SATURDAY	121	171	143	PM - 2 PM TO 8 PM

## Appendix B – Crash Data Reports

*SafetyAnalyst*

**Accident Summary for Route US U0000004  
Milepost 9.173 to 10.281 (Segment 58177...13152)**

Apr 6, 2011

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## **Table of Contents**

1. Accident Summary . . . . .	1
1.1 Accident Case Identifier . . . . .	1
1.2 Accident Month . . . . .	1
1.3 Accident Severity Level 1 . . . . .	2
1.4 Accident Time of Day . . . . .	3
1.5 Accident Type and Manner of Collision . . . . .	5
1.6 Alcohol/Drug Involvement . . . . .	5
1.7 Bicycle Indicator . . . . .	6
1.8 Contributing Circumstances, Environment . . . . .	7
1.9 Contributing Circumstances, Road . . . . .	7
1.10 Day of Week . . . . .	8
1.11 Divided Highway Flag-Side of Road . . . . .	9
1.12 Driver Age . . . . .	10
1.13 Driveway Indicator . . . . .	10
1.14 First Harmful Event . . . . .	11
1.15 Initial Direction of Travel . . . . .	12
1.16 Light Condition . . . . .	13
1.17 Number of Vehicles Involved . . . . .	14
1.18 Pedestrian Indicator . . . . .	15
1.19 Relationship to Junction . . . . .	15
1.20 Roadway Surface Condition . . . . .	16
1.21 Run-Off Road Indicator . . . . .	17
1.22 School Bus Related . . . . .	17
1.23 Tow-Away Indicator . . . . .	18
1.24 Vehicle Configuration . . . . .	19
1.25 Vehicle Maneuver/Action . . . . .	20
1.26 Vehicle Turning Movement . . . . .	20
1.27 Weather Condition . . . . .	21
1.28 Work Zone Related . . . . .	22
2. Route US U0000004 __, Milepost 9.173 to 10.281 . . . . .	24
3. Accident Case Details . . . . .	26

## **List of Tables**

Table 1. Accident Case Identifier by Year . . . . .	1
Table 2. Accident Month . . . . .	2
Table 3. Accident Month (Accident Case Identifier) . . . . .	2
Table 4. Accident Severity Level 1 . . . . .	3
Table 5. Accident Severity Level 1 (Accident Case Identifier) . . . . .	3
Table 6. Accident Time of Day . . . . .	4
Table 7. Accident Time of Day (Accident Case Identifier) . . . . .	4
Table 8. Accident Type and Manner of Collision . . . . .	5
Table 9. Accident Type and Manner of Collision (Accident Case Identifier) . . . . .	5
Table 10. Alcohol/Drug Involvement . . . . .	6
Table 11. Alcohol/Drug Involvement (Accident Case Identifier) . . . . .	6
Table 12. Bicycle Indicator . . . . .	6
Table 13. Bicycle Indicator (Accident Case Identifier) . . . . .	7
Table 14. Contributing Circumstances, Environment . . . . .	7
Table 15. Contributing Circumstances, Environment (Accident Case Identifier) . . . . .	7
Table 16. Contributing Circumstances, Road . . . . .	8
Table 17. Contributing Circumstances, Road (Accident Case Identifier) . . . . .	8
Table 18. Day of Week . . . . .	8
Table 19. Day of Week (Accident Case Identifier) . . . . .	9
Table 20. Divided Highway Flag-Side of Road . . . . .	9
Table 21. Divided Highway Flag-Side of Road (Accident Case Identifier) . . . . .	9
Table 22. Driver Age in Years . . . . .	10
Table 23. Driver Age in Years (Accident Case Identifier) . . . . .	10
Table 24. Driveway Indicator . . . . .	11
Table 25. Driveway Indicator (Accident Case Identifier) . . . . .	11
Table 26. First Harmful Event . . . . .	11
Table 27. First Harmful Event (Accident Case Identifier) . . . . .	12
Table 28. Initial Direction of Travel . . . . .	12
Table 29. Initial Direction of Travel (Accident Case Identifier) . . . . .	13
Table 30. Light Condition . . . . .	13
Table 31. Light Condition (Accident Case Identifier) . . . . .	14
Table 32. Number of Vehicles Involved . . . . .	14
Table 33. Number of Vehicles Involved (Accident Case Identifier) . . . . .	15
Table 34. Pedestrian Indicator . . . . .	15
Table 35. Pedestrian Indicator (Accident Case Identifier) . . . . .	15
Table 36. Relationship to Junction . . . . .	16
Table 37. Relationship to Junction (Accident Case Identifier) . . . . .	16
Table 38. Roadway Surface Condition . . . . .	16



Table 39. Roadway Surface Condition (Accident Case Identifier) . . . . .	17
Table 40. Run-Off Road Indicator . . . . .	17
Table 41. Run-Off Road Indicator (Accident Case Identifier) . . . . .	17
Table 42. School Bus Related . . . . .	18
Table 43. School Bus Related (Accident Case Identifier) . . . . .	18
Table 44. Tow-Away Indicator . . . . .	18
Table 45. Tow-Away Indicator (Accident Case Identifier) . . . . .	19
Table 46. Vehicle Configuration . . . . .	19
Table 47. Vehicle Configuration (Accident Case Identifier) . . . . .	19
Table 48. Vehicle Maneuver/Action . . . . .	20
Table 49. Vehicle Maneuver/Action (Accident Case Identifier) . . . . .	20
Table 50. Vehicle Turning Movement . . . . .	21
Table 51. Vehicle Turning Movement (Accident Case Identifier) . . . . .	21
Table 52. Weather Condition . . . . .	21
Table 53. Weather Condition (Accident Case Identifier) . . . . .	22
Table 54. Work Zone Related . . . . .	22
Table 55. Work Zone Related (Accident Case Identifier) . . . . .	23
Table 56. Route US U0000004 __, Milepost 9.173 to 10.281 Directional Attributes . . . . .	25
Table 57. Route US U0000004 __, Milepost 9.173 to 10.281 Annual Traffic . . . . .	25
Table 58. Accident 07009895 Vehicle-Level Accident Data . . . . .	27
Table 59. Accident 06027436 Vehicle-Level Accident Data . . . . .	28
Table 60. Accident 06026966 Vehicle-Level Accident Data . . . . .	29
Table 61. Accident 05007280 Vehicle-Level Accident Data . . . . .	30
Table 62. Accident 03038554 Vehicle-Level Accident Data . . . . .	31
Table 63. Accident 03033830 Vehicle-Level Accident Data . . . . .	32
Table 64. Accident 05033327 Vehicle-Level Accident Data . . . . .	33
Table 65. Accident 05030500 Vehicle-Level Accident Data . . . . .	34
Table 66. Accident 04016981 Vehicle-Level Accident Data . . . . .	35
Table 67. Accident 04032268 Vehicle-Level Accident Data . . . . .	36
Table 68. Accident 03033829 Vehicle-Level Accident Data . . . . .	37
Table 69. Accident 06029903 Vehicle-Level Accident Data . . . . .	38
Table 70. Accident 05008521 Vehicle-Level Accident Data . . . . .	40
Table 71. Accident 09026443 Vehicle-Level Accident Data . . . . .	41
Table 72. Accident 05034624 Vehicle-Level Accident Data . . . . .	42
Table 73. Accident 09020145 Vehicle-Level Accident Data . . . . .	43
Table 74. Accident 06034013 Vehicle-Level Accident Data . . . . .	44
Table 75. Accident 05006164 Vehicle-Level Accident Data . . . . .	45
Table 76. Accident 06026972 Vehicle-Level Accident Data . . . . .	46
Table 77. Accident 05036679 Vehicle-Level Accident Data . . . . .	47
Table 78. Accident 08010835 Vehicle-Level Accident Data . . . . .	48

Table 79. Accident 09000847 Vehicle-Level Accident Data . . . . .	49
Table 80. Accident 03016282 Vehicle-Level Accident Data . . . . .	50
Table 81. Accident 09009235 Vehicle-Level Accident Data . . . . .	51
Table 82. Accident 08006843 Vehicle-Level Accident Data . . . . .	53
Table 83. Accident 06009865 Vehicle-Level Accident Data . . . . .	54
Table 84. Accident 06002110 Vehicle-Level Accident Data . . . . .	55
Table 85. Accident 08023044 Vehicle-Level Accident Data . . . . .	56
Table 86. Accident 08033996 Vehicle-Level Accident Data . . . . .	57
Table 87. Accident 05017368 Vehicle-Level Accident Data . . . . .	58
Table 88. Accident 08022251 Vehicle-Level Accident Data . . . . .	59

## 1. Accident Summary

This is a summary of the accident data associated with the following Segment from the **NH State 2009** data set, created on Apr 2, 2010 9:54 AM:

Route US U0000004\_\_, Milepost 9.173 to 10.281 (Segment 58177...13152)

The details for this site are listed in the [next](#) section.

### Notes:

The summary includes **31 Total Accidents** spanning the dates **1/1/2002** to **12/31/2009**.

Dates excluded from the summary period due to major reconstruction: **option not selected when specifying the analysis period.**

The summary includes accidents that occur at the site between locations **9.173** to **10.281** inclusive.

### 1.1 Accident Case Identifier

Unique case numbers of the accidents for the site and analysis period.

**Table 1. Accident Case Identifier by Year**

Description	Accident Case Identifier
2003	03038554, 03033830, 03033829, 03016282
2004	04016981, 04032268
2005	05007280, 05033327, 05030500, 05008521, 05034624, 05006164, 05036679, 05017368
2006	06027436, 06026966, 06029903, 06034013, 06026972, 06009865, 06002110
2007	07009895
2008	08010835, 08006843, 08023044, 08033996, 08022251
2009	09026443, 09020145, 09000847, 09009235

### 1.2 Accident Month

The month in which the accident occurred.

**Table 2. Accident Month**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
January	0	0	0	0	1	0	0	1	2	6	11
February	0	0	0	1	0	0	0	0	1	3	9
March	0	0	0	2	0	1	0	0	3	10	9
April	0	0	0	0	1	0	2	1	4	13	7
May	0	1	1	0	0	0	0	0	2	6	7
June	0	0	0	1	0	0	0	0	1	3	9
August	0	0	0	0	0	0	1	1	2	6	7
September	0	0	0	0	0	0	1	0	1	3	6
October	0	2	0	1	3	0	0	1	7	23	7
November	0	0	1	2	1	0	0	0	4	13	8
December	0	1	0	1	1	0	1	0	4	13	10
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 3. Accident Month (Accident Case Identifier)**

Description	Accident Case Identifier
January	09000847, 06002110
February	05007280
March	07009895, 05008521, 05006164
April	08010835, 09009235, 08006843, 06009865
May	04016981, 03016282
June	05017368
August	09020145, 08022251
September	08023044
October	06027436, 06026966, 03033830, 05030500, 03033829, 09026443, 06026972
November	05033327, 04032268, 06029903, 05034624
December	03038554, 06034013, 05036679, 08033996

### 1.3 Accident Severity Level 1

The severity of the accident based on the most severe injury to any person involved.

**Table 4. Accident Severity Level 1**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Severe Injury	0	0	1	0	0	0	0	0	1	3	N/A
Non-Incapacitating Injury	0	1	1	2	4	0	0	0	8	26	N/A
Possible Injury	0	2	0	1	0	0	1	0	4	13	N/A
Property-Damage-Only	0	1	0	5	3	1	4	4	18	58	N/A
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	N/A

**Table 5. Accident Severity Level 1 (Accident Case Identifier)**

Description	Accident Case Identifier
Severe Injury	04016981
Non-Incapacitating Injury	06026966, 03038554, 04032268, 06034013, 05006164, 06026972, 06009865, 05017368
Possible Injury	03033830, 03033829, 05008521, 08033996
Property-Damage-Only	07009895, 06027436, 05007280, 05033327, 05030500, 06029903, 09026443, 05034624, 09020145, 05036679, 08010835, 09000847, 03016282, 09009235, 08006843, 06002110, 08023044, 08022251

## 1.4 Accident Time of Day

The time (hour and minute) at which the accident occurred.

**Table 6. Accident Time of Day**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
1:00 am to 1:59 am	0	0	0	0	0	0	0	1	1	3	N/A
2:00 am to 2:59 am	0	0	0	0	1	0	1	0	2	6	N/A
3:00 am to 3:59 am	0	0	1	0	0	0	0	0	1	3	N/A
4:00 am to 4:59 am	0	0	0	0	1	0	1	0	2	6	N/A
5:00 am to 5:59 am	0	0	0	1	0	0	0	0	1	3	N/A
6:00 am to 6:59 am	0	0	0	0	0	0	1	1	2	6	N/A
10:00 am to 10:59 am	0	0	0	0	0	1	0	0	1	3	N/A
11:00 am to 11:59 am	0	2	1	0	2	0	0	0	5	16	N/A
2:00 pm to 2:59 pm	0	1	0	0	0	0	1	0	2	6	N/A
3:00 pm to 3:59 pm	0	0	0	3	2	0	0	0	5	16	N/A
4:00 pm to 4:59 pm	0	0	0	0	0	0	0	1	1	3	N/A
5:00 pm to 5:59 pm	0	0	0	1	0	0	0	0	1	3	N/A
6:00 pm to 6:59 pm	0	1	0	1	1	0	0	1	4	13	N/A
8:00 pm to 8:59 pm	0	0	0	0	0	0	1	0	1	3	N/A
9:00 pm to 9:59 pm	0	0	0	1	0	0	0	0	1	3	N/A
10:00 pm to 10:59 pm	0	0	0	1	0	0	0	0	1	3	N/A
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	N/A

**Table 7. Accident Time of Day (Accident Case Identifier)**

Description	Accident Case Identifier
1:00 am to 1:59 am	09026443
2:00 am to 2:59 am	06034013,08022251
3:00 am to 3:59 am	04016981
4:00 am to 4:59 am	08010835,06009865
5:00 am to 5:59 am	05033327
6:00 am to 6:59 am	09000847,08006843
10:00 am to 10:59 am	07009895
11:00 am to 11:59 am	06027436, 03033830, 04032268, 03033829, 06002110
2:00 pm to 2:59 pm	03016282,08033996
3:00 pm to 3:59 pm	06026966,06029903, 05008521, 05006164, 05017368
4:00 pm to 4:59 pm	09020145
5:00 pm to 5:59 pm	05034624
6:00 pm to 6:59 pm	03038554,05030500,06026972, 09009235
8:00 pm to 8:59 pm	08023044
9:00 pm to 9:59 pm	05007280
10:00 pm to 10:59 pm	05036679



## 1.5 Accident Type and Manner of Collision

The type of first harmful event in a single-vehicle accident or, in a multiple-vehicle collision, manner in which two vehicles in transport initially came together without regard to the direction of force, or the type of object with which a single vehicle collided.

**Table 8. Accident Type and Manner of Collision**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Collision with animal	0	0	0	2	0	0	3	1	6	19	16
Collision with fixed object	0	1	1	2	5	1	0	1	11	35	37
Other single-vehicle collision	0	0	0	0	0	0	1	0	1	3	1
Rear-end	0	0	0	1	1	0	0	1	3	10	3
Angle	0	1	0	0	0	0	0	0	1	3	1
Sideswipe, opposite direction	0	0	0	0	0	0	1	0	1	3	1
Other multiple-vehicle collision	0	2	1	3	1	0	0	1	8	26	27
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 9. Accident Type and Manner of Collision (Accident Case Identifier)**

Description	Accident Case Identifier
Collision with animal	05030500, 09026443, 05036679, 08010835, 08006843, 08022251
Collision with fixed object	07009895, 06026966, 05007280, 03033830, 04016981, 06034013, 05006164, 06026972, 09000847, 06009865, 06002110
Other single-vehicle collision	08023044
Rear-end	06027436, 05008521, 09020145
Angle	03016282
Sideswipe, opposite direction	08033996
Other multiple-vehicle collision	03038554, 05033327, 04032268, 03033829, 06029903, 05034624, 09009235, 05017368

## 1.6 Alcohol/Drug Involvement

The investigating police officer's assessment of whether alcohol or drug use was suspected or demonstrated to be present by test for any vehicle driver or non-motorist in the accident.

**Table 10. Alcohol/Drug Involvement**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Neither alcohol nor other drugs	0	4	1	8	6	1	5	4	29	94	94
Yes (alcohol and drugs)	0	0	1	0	1	0	0	0	2	6	4
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 11. Alcohol/Drug Involvement (Accident Case Identifier)**

Description	Accident Case Identifier
Neither alcohol nor other drugs	07009895, 06027436, 06026966, 05007280, 03038554, 03033830, 05033327, 05030500, 04032268, 03033829, 06029903, 05008521, 09026443, 05034624, 09020145, 05006164, 06026972, 05036679, 08010835, 09000847, 03016282, 09009235, 08006843, 06009865, 06002110, 08023044, 08033996, 05017368, 08022251
Yes (alcohol and drugs)	04016981, 06034013

## 1.7 Bicycle Indicator

Indicates whether a bicycle was involved in the accident.

**Table 12. Bicycle Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	0	4	2	8	7	1	5	4	31	100	100
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 13. Bicycle Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	07009895, 06027436, 06026966, 05007280, 03038554, 03033830, 05033327, 05030500, 04016981, 04032268, 03033829, 06029903, 05008521, 09026443, 05034624, 09020145, 06034013, 05006164, 06026972, 05036679, 08010835, 09000847, 03016282, 09009235, 08006843, 06009865, 06002110, 08023044, 08033996, 05017368, 08022251

## 1.8 Contributing Circumstances, Environment

Apparent environmental conditions which contributed to the accident.

**Table 14. Contributing Circumstances, Environment**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
None	0	2	2	5	4	0	0	2	15	48	52
Weather conditions	0	1	0	1	3	1	2	1	9	29	28
Physical obstruction(s)	0	1	0	0	0	0	0	0	1	3	2
Animal(s) in roadway	0	0	0	2	0	0	3	1	6	19	14
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 15. Contributing Circumstances, Environment (Accident Case Identifier)**

Description	Accident Case Identifier
None	06027436, 05007280, 03033830, 04016981, 04032268, 03033829, 06029903, 05008521, 05034624, 09020145, 06034013, 05006164, 09009235, 06009865, 05017368
Weather conditions	07009895, 06026966, 03038554, 05033327, 06026972, 09000847, 06002110, 08023044, 08033996
Physical obstruction(s)	03016282
Animal(s) in roadway	05030500, 09026443, 05036679, 08010835, 08006843, 08022251

## 1.9 Contributing Circumstances, Road

Apparent conditions of the road which contributed to the accident.

**Table 16. Contributing Circumstances, Road**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
None	0	4	2	8	7	1	4	4	30	97	91
Unknown	0	0	0	0	0	0	1	0	1	3	2
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 17. Contributing Circumstances, Road (Accident Case Identifier)**

Description	Accident Case Identifier
None	07009895, 06027436, 06026966, 05007280, 03038554, 03033830, 05033327, 05030500, 04016981, 04032268, 03033829, 06029903, 05008521, 09026443, 05034624, 09020145, 06034013, 05006164, 06026972, 05036679, 08010835, 09000847, 03016282, 09009235, 06009865, 06002110, 08023044, 08033996, 05017368, 08022251
Unknown	08006843

## 1.10 Day of Week

The day of the week on which the accident occurred.

**Table 18. Day of Week**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Sunday	0	1	1	0	0	0	1	0	3	10	13
Monday	0	0	0	0	2	0	0	1	3	10	14
Tuesday	0	1	1	1	1	0	1	0	5	16	13
Wednesday	0	0	0	2	0	0	0	2	4	13	14
Thursday	0	1	0	3	0	0	1	0	5	16	15
Friday	0	1	0	2	1	0	1	0	5	16	17
Saturday	0	0	0	0	3	1	1	1	6	19	15
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 19. Day of Week (Accident Case Identifier)**

Description	Accident Case Identifier
Sunday	03038554, 04016981, 08022251
Monday	06027436, 09020145, 06002110
Tuesday	05030500, 04032268, 06029903, 08010835, 03016282
Wednesday	05007280, 05006164, 09000847, 09009235
Thursday	03033829, 05008521, 05036679, 08006843, 05017368
Friday	03033830, 05033327, 05034624, 06009865, 08033996
Saturday	07009895, 06026966, 09026443, 06034013, 06026972, 08023044

## 1.11 Divided Highway Flag-Side of Road

Indicates the direction of travel for the side of the divided highway where the accident occurred. Mandatory for agencies that keep independent records for the individual sides of a divided highway. Can be used for divided highway by any agency.

**Table 20. Divided Highway Flag-Side of Road**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	0	4	2	8	7	1	5	4	31	100	100
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 21. Divided Highway Flag-Side of Road (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	07009895, 06027436, 06026966, 05007280, 03038554, 03033830, 05033327, 05030500, 04016981, 04032268, 03033829, 06029903, 05008521, 09026443, 05034624, 09020145, 06034013, 05006164, 06026972, 05036679, 08010835, 09000847, 03016282, 09009235, 08006843, 06009865, 06002110, 08023044, 08033996, 05017368, 08022251

## 1.12 Driver Age

The value of this item is the driver age, in years, at the time of the accident. The value of this item is calculated during data set post processing.

**Table 22. Driver Age in Years**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Under 25	0	0	1	5	3	1	1	2	13	30	N/A
25 to 34	0	2	1	5	3	0	1	1	13	30	N/A
35 to 44	0	1	0	0	0	0	1	2	4	9	N/A
45 to 54	0	2	0	0	1	0	1	0	4	9	N/A
55 to 64	0	1	1	1	1	0	2	1	7	16	N/A
65 to 74	0	1	0	0	1	0	0	0	2	5	N/A
75 to 84	0	0	0	1	0	0	0	0	1	2	N/A
<b>Total Vehicles</b>	0	7	3	12	9	1	6	6	44	100	N/A

**Table 23. Driver Age in Years (Accident Case Identifier)**

Description	Accident Case Identifier
Under 25	07009895, 06027436, 05007280, 05033327, 05030500, 04016981, 06029903, 05008521, 05034624, 09020145, 06026972, 09009235, 08033996
25 to 34	06027436, 03038554, 05033327, 04032268, 03033829, 05008521, 05034624, 09020145, 06034013, 06009865, 08023044, 05017368, 05017368
35 to 44	09026443, 03016282, 09009235, 08022251
45 to 54	06026966, 03033830, 03033829, 08006843
55 to 64	03038554, 04032268, 06029903, 05036679, 08010835, 09000847, 08033996
65 to 74	03016282, 06002110
75 to 84	05006164

## 1.13 Driveway Indicator

Indicates if the accident occurred at or near a driveway junction.



**Table 24. Driveway Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	0	3	2	8	7	1	5	4	30	97	93
Yes, at driveway	0	1	0	0	0	0	0	0	1	3	7
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 25. Driveway Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	07009895, 06027436, 06026966, 05007280, 03038554, 03033830, 05033327, 05030500, 04016981, 04032268, 03033829, 06029903, 05008521, 09026443, 05034624, 09020145, 06034013, 05006164, 06026972, 05036679, 08010835, 09000847, 09009235, 08006843, 06009865, 06002110, 08023044, 08033996, 05017368, 08022251
Yes, at driveway	03016282

## 1.14 First Harmful Event

The first injury or damage-producing event that characterizes the accident type.

**Table 26. First Harmful Event**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Thrown or falling object	0	0	0	0	0	0	1	0	1	2	N/A
Animal	0	0	0	2	0	0	3	1	6	14	N/A
Motor vehicle in transport	0	6	2	8	4	0	2	4	26	59	N/A
Embankment	0	0	0	2	3	0	0	1	6	14	N/A
Standing tree	0	0	1	0	2	1	0	0	4	9	N/A
Utility pole/Light support	0	1	0	0	0	0	0	0	1	2	N/A
<b>Total Vehicles</b>	0	7	3	12	9	1	6	6	44	100	N/A

**Table 27. First Harmful Event (Accident Case Identifier)**

Description	Accident Case Identifier
Thrown or falling object	08023044
Animal	05030500, 09026443, 05036679, 08010835, 08006843, 08022251
Motor vehicle in transport	06027436, 06027436, 03038554, 03038554, 05033327, 05033327, 04032268, 04032268, 03033829, 03033829, 06029903, 06029903, 05008521, 05008521, 05034624, 05034624, 09020145, 09020145, 03016282, 03016282, 09009235, 09009235, 08033996, 08033996, 05017368, 05017368
Embankment	06026966, 05007280, 05006164, 06026972, 09000847, 06002110
Standing tree	07009895, 04016981, 06034013, 06009865
Utility pole/Light support	03033830

## 1.15 Initial Direction of Travel

The direction of a vehicle's normal, general travel on the roadway before the accident. Notice that this is not a compass direction but a direction consistent with the designated direction of the road. For example, the direction of a state designated north-south highway must be either northbound or southbound even though a vehicle may have been traveling due east as a result of a short segment of the highway having an east-west orientation.

**Table 28. Initial Direction of Travel**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Northbound	0	0	0	1	0	0	0	0	1	2	N/A
Eastbound	0	3	3	5	7	1	3	2	24	55	N/A
Westbound	0	3	0	6	2	0	3	2	16	36	N/A
Unknown	0	1	0	0	0	0	0	2	3	7	N/A
<b>Total Vehicles</b>	0	7	3	12	9	1	6	6	44	100	N/A

**Table 29. Initial Direction of Travel (Accident Case Identifier)**

Description	Accident Case Identifier
Northbound	05034624
Eastbound	07009895, 06027436, 06027436, 06026966, 05007280, 03033830, 05030500, 04016981, 04032268, 04032268, 06029903, 06029903, 09026443, 05034624, 06034013, 05006164, 05036679, 09000847, 03016282, 03016282, 08006843, 06002110, 08023044, 08033996
Westbound	03038554, 05033327, 05033327, 03033829, 03033829, 05008521, 05008521, 06026972, 08010835, 09009235, 09009235, 06009865, 08033996, 05017368, 05017368, 08022251
Unknown	03038554, 09020145, 09020145

## 1.16 Light Condition

The type/level of lighting that existed at the time of the accident.

**Table 30. Light Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Daylight	0	3	1	4	5	1	1	3	18	58	59
Dawn	0	0	0	1	0	0	0	0	1	3	3
Dark-lighted	0	0	0	0	0	0	1	0	1	3	6
Dark-not lighted	0	1	1	3	2	0	2	1	10	32	26
Unknown	0	0	0	0	0	0	1	0	1	3	3
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 31. Light Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Daylight	07009895, 06027436, 06026966, 03033830, 04032268, 03033829, 06029903, 05008521, 05034624, 09020145, 05006164, 06026972, 09000847, 03016282, 09009235, 06002110, 08033996, 05017368
Dawn	05033327
Dark-lighted	08023044
Dark-not lighted	05007280, 03038554, 05030500, 04016981, 09026443, 06034013, 05036679, 08010835, 06009865, 08022251
Unknown	08006843

## 1.17 Number of Vehicles Involved

The count of motor vehicles (e.g., automobiles, single-unit trucks, truck combinations that are in motion or on a roadway) involved in the accident.

(Note: Parked vehicles are not included in this vehicle count, nor are bicycles and pedestrians.)

**Table 32. Number of Vehicles Involved**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
1 Vehicle	0	1	1	4	5	1	4	2	18	58	N/A
2 Vehicles	0	3	1	4	2	0	0	2	12	39	N/A
More than 2 Vehicles	0	0	0	0	0	0	1	0	1	3	N/A
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	N/A

**Table 33. Number of Vehicles Involved (Accident Case Identifier)**

Description	Accident Case Identifier
1 Vehicle	07009895, 06026966, 05007280, 03033830, 05030500, 04016981, 09026443, 06034013, 05006164, 06026972, 05036679, 08010835, 09000847, 08006843, 06009865, 06002110, 08023044, 08022251
2 Vehicles	06027436, 03038554, 05033327, 04032268, 03033829, 06029903, 05008521, 05034624, 09020145, 03016282, 09009235, 05017368
More than 2 Vehicles	08033996

## 1.18 Pedestrian Indicator

Indicates whether a pedestrian was involved in the accident.

**Table 34. Pedestrian Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	0	4	2	8	7	1	5	4	31	100	100
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 35. Pedestrian Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	07009895, 06027436, 06026966, 05007280, 03038554, 03033830, 05033327, 05030500, 04016981, 04032268, 03033829, 06029903, 05008521, 09026443, 05034624, 09020145, 06034013, 05006164, 06026972, 05036679, 08010835, 09000847, 03016282, 09009235, 08006843, 06009865, 06002110, 08023044, 08033996, 05017368, 08022251

## 1.19 Relationship to Junction

Identifies the type of related cross street to the accident site.

Definitions vary across states. For compatibility with the structure of SafetyAnalyst, a recoding that differs from MMUCC is recommended. Some distinctions that MMUCC tries to make in this field will instead be made in

site characteristics data in SafetyAnalyst.

**Table 36. Relationship to Junction**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Non-junction	0	3	2	8	7	1	5	4	30	97	92
At driveway or driveway-related	0	1	0	0	0	0	0	0	1	3	7
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 37. Relationship to Junction (Accident Case Identifier)**

Description	Accident Case Identifier
Non-junction	07009895, 06027436, 06026966, 05007280, 03038554, 03033830, 05033327, 05030500, 04016981, 04032268, 03033829, 06029903, 05008521, 09026443, 05034624, 09020145, 06034013, 05006164, 06026972, 05036679, 08010835, 09000847, 09009235, 08006843, 06009865, 06002110, 08023044, 08033996, 05017368, 08022251
At driveway or driveway-related	03016282

## 1.20 Roadway Surface Condition

The roadway surface condition at the time and place of the accident.

**Table 38. Roadway Surface Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Dry	0	3	2	6	4	0	3	3	21	68	59
Wet	0	0	0	0	2	0	1	0	3	10	12
Snow	0	1	0	0	1	1	1	1	5	16	20
Ice/frost	0	0	0	2	0	0	0	0	2	6	7
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100



**Table 39. Roadway Surface Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Dry	06027436, 03033830, 05030500, 04016981, 04032268, 03033829, 06029903, 05008521, 09026443, 05034624, 09020145, 06034013, 05006164, 05036679, 08010835, 03016282, 09009235, 08006843, 06009865, 05017368, 08022251
Wet	06026966, 06026972, 08023044
Snow	07009895, 03038554, 09000847, 06002110, 08033996
Ice/frost	05007280, 05033327

## 1.21 Run-Off Road Indicator

Indicates whether any vehicle involved in the accident ran off the roadway.

**Table 40. Run-Off Road Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Yes	0	1	1	2	5	1	0	1	11	35	41
No	0	3	1	6	2	0	5	3	20	65	59
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 41. Run-Off Road Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
Yes	07009895, 06026966, 05007280, 03033830, 04016981, 06034013, 05006164, 06026972, 09000847, 06009865, 06002110
No	06027436, 03038554, 05033327, 05030500, 04032268, 03033829, 06029903, 05008521, 09026443, 05034624, 09020145, 05036679, 08010835, 03016282, 09009235, 08006843, 08023044, 08033996, 05017368, 08022251

## 1.22 School Bus Related

Indicates if a school bus or vehicle functioning as a school bus for a school-related purpose was involved in the accident. The school bus, with or without a passenger on board, must be directly involved as a contact

vehicle or indirectly involved as a non-contact vehicle.

**Table 42. School Bus Related**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	0	4	2	8	7	1	5	4	31	100	100
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 43. School Bus Related (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	07009895, 06027436, 06026966, 05007280, 03038554, 03033830, 05033327, 05030500, 04016981, 04032268, 03033829, 06029903, 05008521, 09026443, 05034624, 09020145, 06034013, 05006164, 06026972, 05036679, 08010835, 09000847, 03016282, 09009235, 08006843, 06009865, 06002110, 08023044, 08033996, 05017368, 08022251

## 1.23 Tow-Away Indicator

Indicates whether any vehicle involved in the accident was towed away from the scene.

**Table 44. Tow-Away Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	0	4	2	8	7	1	5	4	31	100	100
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 45. Tow-Away Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	07009895, 06027436, 06026966, 05007280, 03038554, 03033830, 05033327, 05030500, 04016981, 04032268, 03033829, 06029903, 05008521, 09026443, 05034624, 09020145, 06034013, 05006164, 06026972, 05036679, 08010835, 09000847, 03016282, 09009235, 08006843, 06009865, 06002110, 08023044, 08033996, 05017368, 08022251

## 1.24 Vehicle Configuration

Indicates the general configuration of the vehicle.

**Table 46. Vehicle Configuration**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Passenger car	0	2	1	10	7	1	4	4	29	66	N/A
Light truck, only four tires	0	3	1	0	1	0	1	2	8	18	N/A
Sport utility vehicle	0	1	1	2	0	0	1	0	5	11	N/A
Unknown vehicle configuration	0	1	0	0	1	0	0	0	2	5	N/A
<b>Total Vehicles</b>	0	7	3	12	9	1	6	6	44	100	N/A

**Table 47. Vehicle Configuration (Accident Case Identifier)**

Description	Accident Case Identifier
Passenger car	07009895, 06027436, 06026966, 05033327, 05033327, 05030500, 04032268, 03033829, 06029903, 06029903, 05008521, 05008521, 09026443, 05034624, 05034624, 09020145, 06034013, 05006164, 08010835, 09000847, 03016282, 09009235, 06009865, 06002110, 08023044, 08033996, 08033996, 05017368, 05017368
Light truck, only four tires	06027436, 03038554, 04032268, 03033829, 09020145, 03016282, 09009235, 08006843
Sport utility vehicle	05007280, 03033830, 04016981, 05036679, 08022251
Unknown vehicle configuration	03038554, 06026972

## 1.25 Vehicle Maneuver/Action

The controlled maneuver that the vehicle was doing prior to the first event in the sequence of events for this vehicle.

**Table 48. Vehicle Maneuver/Action**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Movements essentially straight ahead	0	3	2	9	7	1	6	5	33	75	N/A
Turning right	0	1	0	0	0	0	0	0	1	2	N/A
Turning left	0	0	0	1	0	0	0	1	2	5	N/A
Slowing	0	2	1	0	0	0	0	0	3	7	N/A
Stopped in traffic	0	0	0	2	2	0	0	0	4	9	N/A
Unknown	0	1	0	0	0	0	0	0	1	2	N/A
<b>Total Vehicles</b>	0	7	3	12	9	1	6	6	44	100	N/A

**Table 49. Vehicle Maneuver/Action (Accident Case Identifier)**

Description	Accident Case Identifier
Movements essentially straight ahead	07009895, 06027436, 06026966, 05007280, 03033830, 05033327, 05033327, 05030500, 04016981, 04032268, 03033829, 06029903, 05008521, 09026443, 05034624, 09020145, 09020145, 06034013, 05006164, 06026972, 05036679, 08010835, 09000847, 03016282, 09009235, 08006843, 06009865, 06002110, 08023044, 08033996, 08033996, 05017368, 08022251
Turning right	03016282
Turning left	05034624, 09009235
Slowing	03038554, 04032268, 03033829
Stopped in traffic	06027436, 06029903, 05008521, 05017368
Unknown	03038554

## 1.26 Vehicle Turning Movement

Characterization of multiple vehicle accidents where any involved vehicle was performing a turning maneuver prior to impact. Any left turn maneuver or U-turn maneuver will take precedence over any right turn maneuver. For example, if Vehicle 1 made a left turn and Vehicle 2 made a right turn, then this data item will be classified as a left turn accident. Even though the first level of this data element is labeled Left turn, the left turn

category also includes U-turn accidents.

**Table 50. Vehicle Turning Movement**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Left turn	0	0	0	1	0	0	0	1	2	6	6
Right turn	0	1	0	0	0	0	0	0	1	3	1
No-turn	0	3	2	7	7	1	5	3	28	90	91
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 51. Vehicle Turning Movement (Accident Case Identifier)**

Description	Accident Case Identifier
Left turn	05034624, 09009235
Right turn	03016282
No-turn	07009895, 06027436, 06026966, 05007280, 03038554, 03033830, 05033327, 05030500, 04016981, 04032268, 03033829, 06029903, 05008521, 09026443, 09020145, 06034013, 05006164, 06026972, 05036679, 08010835, 09000847, 08006843, 06009865, 06002110, 08023044, 08033996, 05017368, 08022251

## 1.27 Weather Condition

The main prevailing atmospheric conditions that existed at the time of the accident.

**Table 52. Weather Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Clear	0	3	1	6	2	0	3	2	17	55	52
Cloudy	0	0	1	1	2	0	0	1	5	16	20
Rain	0	0	0	1	2	0	1	0	4	13	8
Snow	0	1	0	0	1	1	1	1	5	16	16
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 53. Weather Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Clear	06027436, 05007280, 03033830, 04016981, 03033829, 05008521, 05034624, 09020145, 05006164, 05036679, 08010835, 03016282, 09009235, 08006843, 06009865, 05017368, 08022251
Cloudy	05030500, 04032268, 06029903, 09026443, 06034013
Rain	06026966, 05033327, 06026972, 08023044
Snow	07009895, 03038554, 09000847, 06002110, 08033996

## 1.28 Work Zone Related

Indicates whether the accident occurred in or near a construction, maintenance, or utility work zone, whether workers were actually present at the time of the accident or not. Work zone related accidents include those involving vehicles slowed or stopped because of the work zone, even if the first harmful event was before the first warning sign. MMUCC has additional subfields related to this data item that are not included in this format.

**Table 54. Work Zone Related**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	0	4	2	8	7	1	5	4	31	100	98
<b>Total Accidents</b>	0	4	2	8	7	1	5	4	31	100	100

**Table 55. Work Zone Related (Accident Case Identifier)**

Description	Accident Case Identifier
No	07009895, 06027436, 06026966, 05007280, 03038554, 03033830, 05033327, 05030500, 04016981, 04032268, 03033829, 06029903, 05008521, 09026443, 05034624, 09020145, 06034013, 05006164, 06026972, 05036679, 08010835, 09000847, 03016282, 09009235, 08006843, 06009865, 06002110, 08023044, 08033996, 05017368, 08022251



## **2. Route US U0000004\_\_, Milepost 9.173 to 10.281**

### **Roadway Segment**

Segment ID: 58177...13152  
Internal Segment ID: S2901a  
Route Number Display Value: USU0000004\_\_  
Site Subtype: Seg/Rur; 2-lane  
Start Location: 9.173  
End Location: 10.281  
GIS Identifier: 58177  
Next Roadway Segment ID: S14669a  
Previous Roadway Segment ID: S4492a  
Segment Length: 1.1080 miles  
Roadway Class Level 1: Minor arterial  
Roadway Class Level 2: Minor arterial rural  
Roadway Class Level 3: Rural two-lane  
Number of Through Lanes - Combined: 2  
Median Type Level 1: Undivided  
Median Type Level 2: Undivided  
Median Width: 0.00 feet  
Access Control: No Access Control  
Growth Factor: 1.0000  
Growth Factor Source: Defaulted  
Maximum AADT: 10,000 vehicles per day  
Two-Way vs. One-Way Operation: Two-way road or street  
Direction of Travel: Not applicable  
Direction of Increasing Mileposts or Distances: Eastbound  
Interchange Influence Area on Mainline Freeway: No  
Aggregated Segment IDs: S2901...S14214  
Number of Accidents: 31

### **Geographic Description**

Identifier: G1007  
Route Type: US route  
Route Name: U0000004\_\_  
Major Road Name: High St  
County: MERRIMACK  
District: 5  
City/Town: BOSCAWEN  
Jurisdiction: State maintained  
Area Type: Rural

**Table 56. Route US U0000004 \_\_, Milepost 9.173 to 10.281 Directional Attributes**

Direction	Number of Through Lanes	Average Lane Width	Shoulder Type - Outside	Shoulder Type - Inside	Average Shoulder Width - Outside	Average Shoulder Width - Inside	Bikeway	Comment
Direction 1	1	11.00	Paved	Paved	0.00	0.00		
Direction 2	1	11.00	Paved	Paved	0.00	0.00		

**Table 57. Route US U0000004 \_\_, Milepost 9.173 to 10.281 Annual Traffic**

Year	AADT	Heavy Vehicles	Peak or Design Volume	Volume Source	Comment
2002	10,000			Growth Factor Applied	
2003	10,000			Growth Factor Applied	
2004	10,000			Growth Factor Applied	
2005	10,000			Growth Factor Applied	
2006	10,000			Growth Factor Applied	
2007	10,000			Growth Factor Applied	
2008	10,000			Growth Factor Applied	
2009	10,000			Measured	

### **3. Accident Case Details**

**Accident Details:** Accident Case ID: 07009895

#### **Accident**

Accident ID: 07009895

Internal Accident ID: A77448

Inventory Element: S2901a

Pre-Post Process Inventory Element: S14214

Location: 9.819

GIS Identifier: 07009895

Accident Date: 2007/03/17

Accident Month: March

Accident Time of Day: 1056

Accident Date Stamp: 03/17/07 10:56:00

Accident Year: 2007

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: Non-junction

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Snow

Roadway Surface Condition: Snow

Accident Type and Manner of Collision: Collision with fixed object

Contributing Circumstances, Environment: Weather conditions

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 1

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: Yes

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Saturday

**Table 58. Accident 07009895 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Standing tree	1987/01/26	20
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Standing tree		

**Accident Details:** Accident Case ID: 06027436

**Accident**

Accident ID: 06027436

Internal Accident ID: A68229

Inventory Element: S2901a

Pre-Post Process Inventory Element: S14214

Location: 9.7985

GIS Identifier: 06027436

Accident Date: 2006/10/30

Accident Month: October

Accident Time of Day: 1141

Accident Date Stamp: 10/30/06 11:41:00

Accident Year: 2006

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: Non-junction

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Rear-end

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Monday

**Table 59. Accident 06027436 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Light truck, only four tires	Motor vehicle in transport	1988/05/07	18
Vehicle 2	Eastbound	Stopped in traffic	Passenger car	Motor vehicle in transport	1973/09/28	33

**Accident Details:** Accident Case ID: 06026966

**Accident**

Accident ID: 06026966

Internal Accident ID: A68404

Inventory Element: S2901a

Pre-Post Process Inventory Element: S2901

Location: 9.5712

GIS Identifier: 06026966

Accident Date: 2006/10/28

Accident Month: October

Accident Time of Day: 1539

Accident Date Stamp: 10/28/06 15:39:00

Accident Year: 2006

Accident Severity Level 1: Non-Incapacitating Injury

Number of Fatalities: 0

Number of Non-Fatal Injuries: 1

Relationship to Junction: Non-junction

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Rain

Roadway Surface Condition: Wet

Accident Type and Manner of Collision: Collision with fixed object

Contributing Circumstances, Environment: Weather conditions

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 1

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: Yes

Pedestrian Indicator: No

Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Saturday

**Table 60. Accident 06026966 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Embankment	1954/06/08	52
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Embankment		

**Accident Details:** Accident Case ID: 05007280

**Accident**

Accident ID: 05007280  
 Internal Accident ID: A30880  
 Inventory Element: S2901a  
 Pre-Post Process Inventory Element: S2901  
 Location: 9.3123  
 GIS Identifier: 05007280  
 Accident Date: 2005/02/16  
 Accident Month: February  
 Accident Time of Day: 2150  
 Accident Date Stamp: 02/16/05 21:50:00  
 Accident Year: 2005  
 Accident Severity Level 1: Property-Damage-Only  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 0  
 Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Dark-not lighted  
 Weather Condition: Clear  
 Roadway Surface Condition: Ice/frost  
 Accident Type and Manner of Collision: Collision with fixed object  
 Contributing Circumstances, Environment: None  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 1  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown  
Run-Off Road Indicator: Yes  
Pedestrian Indicator: No  
Bicycle Indicator: No  
Divided Highway Flag-Side of Road: Unknown  
Vehicle Turning Movement: No-turn  
Day of Week: Wednesday

**Table 61. Accident 05007280 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Sport utility vehicle	Embankment	1988/08/04	16
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Embankment		

**Accident Details:** Accident Case ID: 03038554

**Accident**

Accident ID: 03038554  
Internal Accident ID: A16922  
Inventory Element: S2901a  
Pre-Post Process Inventory Element: S2901  
Location: 9.3818  
GIS Identifier: 03038554  
Accident Date: 2003/12/14  
Accident Month: December  
Accident Time of Day: 1822  
Accident Date Stamp: 12/14/03 18:22:00  
Accident Year: 2003  
Accident Severity Level 1: Non-Incapacitating Injury  
Number of Fatalities: 0  
Number of Non-Fatal Injuries: 1  
Relationship to Junction: Non-junction  
Driveway Indicator: No  
Light Condition: Dark-not lighted  
Weather Condition: Snow  
Roadway Surface Condition: Snow  
Accident Type and Manner of Collision: Other multiple-vehicle collision  
Contributing Circumstances, Environment: Weather conditions  
Contributing Circumstances, Road: None  
School Bus Related: Unknown

Work Zone Related: No  
 Number of Vehicles Involved: 2  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: No  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Sunday

**Table 62. Accident 03038554 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Slowing	Light truck, only four tires	Motor vehicle in transport	1973/03/30	30
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Motor vehicle in transport	1943/12/13	60

**Accident Details:** Accident Case ID: 03033830

**Accident**

Accident ID: 03033830  
 Internal Accident ID: A10538  
 Inventory Element: S2901a  
 Pre-Post Process Inventory Element: S2901  
 Location: 9.4576  
 GIS Identifier: 03033830  
 Accident Date: 2003/10/31  
 Accident Month: October  
 Accident Time of Day: 1114  
 Accident Date Stamp: 10/31/03 11:14:00  
 Accident Year: 2003  
 Accident Severity Level 1: Possible Injury  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 2  
 Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Daylight  
 Weather Condition: Clear  
 Roadway Surface Condition: Dry  
 Accident Type and Manner of Collision: Collision with fixed object



Contributing Circumstances, Environment: None  
Contributing Circumstances, Road: None  
School Bus Related: Unknown  
Work Zone Related: No  
Number of Vehicles Involved: 1  
Alcohol/Drug Involvement: Neither alcohol nor other drugs  
Tow-Away Indicator: Unknown  
Run-Off Road Indicator: Yes  
Pedestrian Indicator: No  
Bicycle Indicator: No  
Divided Highway Flag-Side of Road: Unknown  
Vehicle Turning Movement: No-turn  
Day of Week: Friday

**Table 63. Accident 03033830 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Sport utility vehicle	Utility pole/Light support	1956/10/29	47
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Utility pole/Light support		

**Accident Details:** Accident Case ID: 05033327

**Accident**

Accident ID: 05033327  
Internal Accident ID: A49325  
Inventory Element: S2901a  
Pre-Post Process Inventory Element: S2901  
Location: 9.647  
GIS Identifier: 05033327  
Accident Date: 2005/11/18  
Accident Month: November  
Accident Time of Day: 0501  
Accident Date Stamp: 11/18/05 05:01:00  
Accident Year: 2005  
Accident Severity Level 1: Property-Damage-Only  
Number of Fatalities: 0  
Number of Non-Fatal Injuries: 0  
Relationship to Junction: Non-junction  
Driveway Indicator: No  
Light Condition: Dawn

Weather Condition: Rain  
 Roadway Surface Condition: Ice/frost  
 Accident Type and Manner of Collision: Other multiple-vehicle collision  
 Contributing Circumstances, Environment: Weather conditions  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 2  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: No  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Friday

**Table 64. Accident 05033327 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1987/02/16	18
Vehicle 2	Westbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1976/08/25	29

**Accident Details:** Accident Case ID: 05030500

#### Accident

Accident ID: 05030500  
 Internal Accident ID: A40755  
 Inventory Element: S2901a  
 Pre-Post Process Inventory Element: S14214  
 Location: 10.2053  
 GIS Identifier: 05030500  
 Accident Date: 2005/10/18  
 Accident Month: October  
 Accident Time of Day: 1845  
 Accident Date Stamp: 10/18/05 18:45:00  
 Accident Year: 2005  
 Accident Severity Level 1: Property-Damage-Only  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 0

Relationship to Junction: Non-junction  
Driveway Indicator: No  
Light Condition: Dark-not lighted  
Weather Condition: Cloudy  
Roadway Surface Condition: Dry  
Accident Type and Manner of Collision: Collision with animal  
Contributing Circumstances, Environment: Animal(s) in roadway  
Contributing Circumstances, Road: None  
School Bus Related: Unknown  
Work Zone Related: No  
Number of Vehicles Involved: 1  
Alcohol/Drug Involvement: Neither alcohol nor other drugs  
Tow-Away Indicator: Unknown  
Run-Off Road Indicator: No  
Pedestrian Indicator: No  
Bicycle Indicator: No  
Divided Highway Flag-Side of Road: Unknown  
Vehicle Turning Movement: No-turn  
Day of Week: Tuesday

**Table 65. Accident 05030500 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Animal	1981/04/26	24
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Animal		

**Accident Details:** Accident Case ID: 04016981

**Accident**

Accident ID: 04016981  
Internal Accident ID: A24960  
Inventory Element: S2901a  
Pre-Post Process Inventory Element: S14214  
Location: 9.9405  
GIS Identifier: 04016981  
Accident Date: 2004/05/30  
Accident Month: May  
Accident Time of Day: 0315  
Accident Date Stamp: 05/30/04 03:15:00  
Accident Year: 2004

Accident Severity Level 1: Severe Injury  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 1  
 Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Dark-not lighted  
 Weather Condition: Clear  
 Roadway Surface Condition: Dry  
 Accident Type and Manner of Collision: Collision with fixed object  
 Contributing Circumstances, Environment: None  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 1  
 Alcohol/Drug Involvement: Yes (alcohol and drugs)  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: Yes  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Sunday

**Table 66. Accident 04016981 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Sport utility vehicle	Standing tree	1984/10/18	19
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Standing tree		

**Accident Details:** Accident Case ID: 04032268

#### Accident

Accident ID: 04032268  
 Internal Accident ID: A26719  
 Inventory Element: S2901a  
 Pre-Post Process Inventory Element: S2901  
 Location: 9.468  
 GIS Identifier: 04032268  
 Accident Date: 2004/11/16  
 Accident Month: November

Accident Time of Day: 1146  
Accident Date Stamp: 11/16/04 11:46:00  
Accident Year: 2004  
Accident Severity Level 1: Non-Incapacitating Injury  
Number of Fatalities: 0  
Number of Non-Fatal Injuries: 1  
Relationship to Junction: Non-junction  
Driveway Indicator: No  
Light Condition: Daylight  
Weather Condition: Cloudy  
Roadway Surface Condition: Dry  
Accident Type and Manner of Collision: Other multiple-vehicle collision  
Contributing Circumstances, Environment: None  
Contributing Circumstances, Road: None  
School Bus Related: Unknown  
Work Zone Related: No  
Number of Vehicles Involved: 2  
Alcohol/Drug Involvement: Neither alcohol nor other drugs  
Tow-Away Indicator: Unknown  
Run-Off Road Indicator: No  
Pedestrian Indicator: No  
Bicycle Indicator: No  
Divided Highway Flag-Side of Road: Unknown  
Vehicle Turning Movement: No-turn  
Day of Week: Tuesday

**Table 67. Accident 04032268 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Light truck, only four tires	Motor vehicle in transport	1942/01/17	62
Vehicle 2	Eastbound	Slowing	Passenger car	Motor vehicle in transport	1977/10/11	27

**Accident Details:** Accident Case ID: 03033829

**Accident**

Accident ID: 03033829  
Internal Accident ID: A14542  
Inventory Element: S2901a  
Pre-Post Process Inventory Element: S2901  
Location: 9.4235

GIS Identifier: 03033829  
 Accident Date: 2003/10/30  
 Accident Month: October  
 Accident Time of Day: 1104  
 Accident Date Stamp: 10/30/03 11:04:00  
 Accident Year: 2003  
 Accident Severity Level 1: Possible Injury  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 1  
 Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Daylight  
 Weather Condition: Clear  
 Roadway Surface Condition: Dry  
 Accident Type and Manner of Collision: Other multiple-vehicle collision  
 Contributing Circumstances, Environment: None  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 2  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: No  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Thursday

**Table 68. Accident 03033829 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Movements essentially straight ahead	Light truck, only four tires	Motor vehicle in transport	1974/09/27	29
Vehicle 2	Westbound	Slowing	Passenger car	Motor vehicle in transport	1948/12/17	54

**Accident Details:** Accident Case ID: 06029903

#### Accident

Accident ID: 06029903

Internal Accident ID: A66952

Inventory Element: S2901a  
 Pre-Post Process Inventory Element: S2901  
 Location: 9.2277  
 GIS Identifier: 06029903  
 Accident Date: 2006/11/14  
 Accident Month: November  
 Accident Time of Day: 1524  
 Accident Date Stamp: 11/14/06 15:24:00  
 Accident Year: 2006  
 Accident Severity Level 1: Property-Damage-Only  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 0  
 Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Daylight  
 Weather Condition: Cloudy  
 Roadway Surface Condition: Dry  
 Accident Type and Manner of Collision: Other multiple-vehicle collision  
 Contributing Circumstances, Environment: None  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 2  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: No  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Tuesday

**Table 69. Accident 06029903 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Stopped in traffic	Passenger car	Motor vehicle in transport	1949/09/16	57
Vehicle 2	Eastbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1988/10/02	18

**Accident Details:** Accident Case ID: 05008521

**Accident**

Accident ID: 05008521  
Internal Accident ID: A30333  
Inventory Element: S2901a  
Pre-Post Process Inventory Element: S14214  
Location: 9.8553  
GIS Identifier: 05008521  
Accident Date: 2005/03/24  
Accident Month: March  
Accident Time of Day: 1524  
Accident Date Stamp: 03/24/05 15:24:00  
Accident Year: 2005  
Accident Severity Level 1: Possible Injury  
Number of Fatalities: 0  
Number of Non-Fatal Injuries: 1  
Relationship to Junction: Non-junction  
Driveway Indicator: No  
Light Condition: Daylight  
Weather Condition: Clear  
Roadway Surface Condition: Dry  
Accident Type and Manner of Collision: Rear-end  
Contributing Circumstances, Environment: None  
Contributing Circumstances, Road: None  
School Bus Related: Unknown  
Work Zone Related: No  
Number of Vehicles Involved: 2  
Alcohol/Drug Involvement: Neither alcohol nor other drugs  
Tow-Away Indicator: Unknown  
Run-Off Road Indicator: No  
Pedestrian Indicator: No  
Bicycle Indicator: No  
Divided Highway Flag-Side of Road: Unknown  
Vehicle Turning Movement: No-turn  
Day of Week: Thursday



**Table 70. Accident 05008521 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1984/01/01	21
Vehicle 2	Westbound	Stopped in traffic	Passenger car	Motor vehicle in transport	1971/12/11	33

**Accident Details:** Accident Case ID: 09026443

#### Accident

Accident ID: 09026443

Internal Accident ID: A138200

Inventory Element: S2901a

Pre-Post Process Inventory Element: S2901

Location: 9.6382

GIS Identifier: 09026443

Accident Date: 2009/10/31

Accident Month: October

Accident Time of Day: 0116

Accident Date Stamp: 10/31/09 01:16:00

Accident Year: 2009

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: Non-junction

Driveway Indicator: No

Light Condition: Dark-not lighted

Weather Condition: Cloudy

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Collision with animal

Contributing Circumstances, Environment: Animal(s) in roadway

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 1

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Saturday

**Table 71. Accident 09026443 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Animal	1972/01/03	37
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Animal		

**Accident Details:** Accident Case ID: 05034624

**Accident**

Accident ID: 05034624

Internal Accident ID: A45975

Inventory Element: S2901a

Pre-Post Process Inventory Element: S14214

Location: 10.2719

GIS Identifier: 05034624

Accident Date: 2005/11/11

Accident Month: November

Accident Time of Day: 1738

Accident Date Stamp: 11/11/05 17:38:00

Accident Year: 2005

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: Non-junction

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Other multiple-vehicle collision

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: Left turn

Day of Week: Friday

**Table 72. Accident 05034624 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1978/10/09	27
Vehicle 2	Northbound	Turning left	Passenger car	Motor vehicle in transport	1985/01/24	20

**Accident Details:** Accident Case ID: 09020145

**Accident**

Accident ID: 09020145

Internal Accident ID: A133808

Inventory Element: S2901a

Pre-Post Process Inventory Element: S2901

Location: 9.2078

GIS Identifier: 09020145

Accident Date: 2009/08/03

Accident Month: August

Accident Time of Day: 1653

Accident Date Stamp: 08/03/09 16:53:00

Accident Year: 2009

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: Non-junction

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Rear-end

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: No  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Monday

**Table 73. Accident 09020145 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Unknown	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1983/06/20	26
Vehicle 2	Unknown	Movements essentially straight ahead	Light truck, only four tires	Motor vehicle in transport	1987/10/10	21

**Accident Details:** Accident Case ID: 06034013

#### Accident

Accident ID: 06034013  
 Internal Accident ID: A74328  
 Inventory Element: S2901a  
 Pre-Post Process Inventory Element: S2901  
 Location: 9.6288  
 GIS Identifier: 06034013  
 Accident Date: 2006/12/30  
 Accident Month: December  
 Accident Time of Day: 0203  
 Accident Date Stamp: 12/30/06 02:03:00  
 Accident Year: 2006  
 Accident Severity Level 1: Non-Incapacitating Injury  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 1  
 Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Dark-not lighted  
 Weather Condition: Cloudy  
 Roadway Surface Condition: Dry  
 Accident Type and Manner of Collision: Collision with fixed object  
 Contributing Circumstances, Environment: None  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown

Work Zone Related: No  
Number of Vehicles Involved: 1  
Alcohol/Drug Involvement: Yes (alcohol and drugs)  
Tow-Away Indicator: Unknown  
Run-Off Road Indicator: Yes  
Pedestrian Indicator: No  
Bicycle Indicator: No  
Divided Highway Flag-Side of Road: Unknown  
Vehicle Turning Movement: No-turn  
Day of Week: Saturday

**Table 74. Accident 06034013 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Standing tree	1979/10/01	27
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Standing tree		

**Accident Details:** Accident Case ID: 05006164

**Accident**

Accident ID: 05006164  
Internal Accident ID: A32120  
Inventory Element: S2901a  
Pre-Post Process Inventory Element: S14214  
Location: 9.9311  
GIS Identifier: 05006164  
Accident Date: 2005/03/02  
Accident Month: March  
Accident Time of Day: 1527  
Accident Date Stamp: 03/02/05 15:27:00  
Accident Year: 2005  
Accident Severity Level 1: Non-Incapacitating Injury  
Number of Fatalities: 0  
Number of Non-Fatal Injuries: 1  
Relationship to Junction: Non-junction  
Driveway Indicator: No  
Light Condition: Daylight  
Weather Condition: Clear  
Roadway Surface Condition: Dry  
Accident Type and Manner of Collision: Collision with fixed object

Contributing Circumstances, Environment: None  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 1  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: Yes  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Wednesday

**Table 75. Accident 05006164 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Embankment	1927/12/04	77
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Embankment		

**Accident Details:** Accident Case ID: 06026972

#### Accident

Accident ID: 06026972  
 Internal Accident ID: A69192  
 Inventory Element: S2901a  
 Pre-Post Process Inventory Element: S2901  
 Location: 9.4304  
 GIS Identifier: 06026972  
 Accident Date: 2006/10/28  
 Accident Month: October  
 Accident Time of Day: 1859  
 Accident Date Stamp: 10/28/06 18:59:00  
 Accident Year: 2006  
 Accident Severity Level 1: Non-Incapacitating Injury  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 1  
 Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Daylight

Weather Condition: Rain  
 Roadway Surface Condition: Wet  
 Accident Type and Manner of Collision: Collision with fixed object  
 Contributing Circumstances, Environment: Weather conditions  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 1  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: Yes  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Saturday

**Table 76. Accident 06026972 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Movements essentially straight ahead	Unknown vehicle configuration	Embankment	1987/02/17	19
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Embankment		

**Accident Details:** Accident Case ID: 05036679

**Accident**

Accident ID: 05036679  
 Internal Accident ID: A47987  
 Inventory Element: S2901a  
 Pre-Post Process Inventory Element: S14214  
 Location: 9.7803  
 GIS Identifier: 05036679  
 Accident Date: 2005/12/15  
 Accident Month: December  
 Accident Time of Day: 2238  
 Accident Date Stamp: 12/15/05 22:38:00  
 Accident Year: 2005  
 Accident Severity Level 1: Property-Damage-Only  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 0

Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Dark-not lighted  
 Weather Condition: Clear  
 Roadway Surface Condition: Dry  
 Accident Type and Manner of Collision: Collision with animal  
 Contributing Circumstances, Environment: Animal(s) in roadway  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 1  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: No  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Thursday

**Table 77. Accident 05036679 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Sport utility vehicle	Animal	1945/07/16	60
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Animal		

**Accident Details:** Accident Case ID: 08010835

**Accident**

Accident ID: 08010835  
 Internal Accident ID: A103860  
 Inventory Element: S2901a  
 Pre-Post Process Inventory Element: S2901  
 Location: 9.6098  
 GIS Identifier: 08010835  
 Accident Date: 2008/04/08  
 Accident Month: April  
 Accident Time of Day: 0451  
 Accident Date Stamp: 04/08/08 04:51:00  
 Accident Year: 2008



Accident Severity Level 1: Property-Damage-Only  
Number of Fatalities: 0  
Number of Non-Fatal Injuries: 0  
Relationship to Junction: Non-junction  
Driveway Indicator: No  
Light Condition: Dark-not lighted  
Weather Condition: Clear  
Roadway Surface Condition: Dry  
Accident Type and Manner of Collision: Collision with animal  
Contributing Circumstances, Environment: Animal(s) in roadway  
Contributing Circumstances, Road: None  
School Bus Related: Unknown  
Work Zone Related: No  
Number of Vehicles Involved: 1  
Alcohol/Drug Involvement: Neither alcohol nor other drugs  
Tow-Away Indicator: Unknown  
Run-Off Road Indicator: No  
Pedestrian Indicator: No  
Bicycle Indicator: No  
Divided Highway Flag-Side of Road: Unknown  
Vehicle Turning Movement: No-turn  
Day of Week: Tuesday

**Table 78. Accident 08010835 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Movements essentially straight ahead	Passenger car	Animal	1951/01/25	57
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Animal		

**Accident Details:** Accident Case ID: 09000847

**Accident**

Accident ID: 09000847  
Internal Accident ID: A119746  
Inventory Element: S2901a  
Pre-Post Process Inventory Element: S14214  
Location: 10.19775  
GIS Identifier: 09000847  
Accident Date: 2009/01/28  
Accident Month: January

Accident Time of Day: 0643  
 Accident Date Stamp: 01/28/09 06:43:00  
 Accident Year: 2009  
 Accident Severity Level 1: Property-Damage-Only  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 0  
 Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Daylight  
 Weather Condition: Snow  
 Roadway Surface Condition: Snow  
 Accident Type and Manner of Collision: Collision with fixed object  
 Contributing Circumstances, Environment: Weather conditions  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 1  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: Yes  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Wednesday

**Table 79. Accident 09000847 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Embankment	1953/09/13	55
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Embankment		

**Accident Details:** Accident Case ID: 03016282

#### **Accident**

Accident ID: 03016282  
 Internal Accident ID: A12380  
 Inventory Element: S2901a  
 Pre-Post Process Inventory Element: S14214  
 Location: 10.092

GIS Identifier: 03016282  
Accident Date: 2003/05/20  
Accident Month: May  
Accident Time of Day: 1442  
Accident Date Stamp: 05/20/03 14:42:00  
Accident Year: 2003  
Accident Severity Level 1: Property-Damage-Only  
Number of Fatalities: 0  
Number of Non-Fatal Injuries: 0  
Relationship to Junction: At driveway or driveway-related  
Driveway Indicator: Yes, at driveway  
Light Condition: Daylight  
Weather Condition: Clear  
Roadway Surface Condition: Dry  
Accident Type and Manner of Collision: Angle  
Contributing Circumstances, Environment: Physical obstruction(s)  
Contributing Circumstances, Road: None  
School Bus Related: Unknown  
Work Zone Related: No  
Number of Vehicles Involved: 2  
Alcohol/Drug Involvement: Neither alcohol nor other drugs  
Tow-Away Indicator: Unknown  
Run-Off Road Indicator: No  
Pedestrian Indicator: No  
Bicycle Indicator: No  
Divided Highway Flag-Side of Road: Unknown  
Vehicle Turning Movement: Right turn  
Day of Week: Tuesday

**Table 80. Accident 03016282 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Turning right	Passenger car	Motor vehicle in transport	1935/04/03	68
Vehicle 2	Eastbound	Movements essentially straight ahead	Light truck, only four tires	Motor vehicle in transport	1963/12/25	39

**Accident Details:** Accident Case ID: 09009235

**Accident**

Accident ID: 09009235

Internal Accident ID: A128686

Inventory Element: S2901a  
 Pre-Post Process Inventory Element: S2901  
 Location: 9.2072  
 GIS Identifier: 09009235  
 Accident Date: 2009/04/01  
 Accident Month: April  
 Accident Time of Day: 1837  
 Accident Date Stamp: 04/01/09 18:37:00  
 Accident Year: 2009  
 Accident Severity Level 1: Property-Damage-Only  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 0  
 Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Daylight  
 Weather Condition: Clear  
 Roadway Surface Condition: Dry  
 Accident Type and Manner of Collision: Other multiple-vehicle collision  
 Contributing Circumstances, Environment: None  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 2  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: No  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: Left turn  
 Day of Week: Wednesday

**Table 81. Accident 09009235 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Turning left	Passenger car	Motor vehicle in transport	1990/11/20	18
Vehicle 2	Westbound	Movements essentially straight ahead	Light truck, only four tires	Motor vehicle in transport	1967/12/09	41

**Accident Details:** Accident Case ID: 08006843

**Accident**

Accident ID: 08006843  
Internal Accident ID: A96311  
Inventory Element: S2901a  
Pre-Post Process Inventory Element: S2901  
Location: 9.1764  
GIS Identifier: 08006843  
Accident Date: 2008/04/03  
Accident Month: April  
Accident Time of Day: 0615  
Accident Date Stamp: 04/03/08 06:15:00  
Accident Year: 2008  
Accident Severity Level 1: Property-Damage-Only  
Number of Fatalities: 0  
Number of Non-Fatal Injuries: 0  
Relationship to Junction: Non-junction  
Driveway Indicator: No  
Light Condition: Unknown  
Weather Condition: Clear  
Roadway Surface Condition: Dry  
Accident Type and Manner of Collision: Collision with animal  
Contributing Circumstances, Environment: Animal(s) in roadway  
Contributing Circumstances, Road: Unknown  
School Bus Related: Unknown  
Work Zone Related: No  
Number of Vehicles Involved: 1  
Alcohol/Drug Involvement: Neither alcohol nor other drugs  
Tow-Away Indicator: Unknown  
Run-Off Road Indicator: No  
Pedestrian Indicator: No  
Bicycle Indicator: No  
Divided Highway Flag-Side of Road: Unknown  
Vehicle Turning Movement: No-turn  
Day of Week: Thursday

**Table 82. Accident 08006843 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Light truck, only four tires	Animal	1960/08/14	47
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Animal		

**Accident Details:** Accident Case ID: 06009865

**Accident**

Accident ID: 06009865

Internal Accident ID: A59811

Inventory Element: S2901a

Pre-Post Process Inventory Element: S14214

Location: 10.1584

GIS Identifier: 06009865

Accident Date: 2006/04/14

Accident Month: April

Accident Time of Day: 0434

Accident Date Stamp: 04/14/06 04:34:00

Accident Year: 2006

Accident Severity Level 1: Non-Incapacitating Injury

Number of Fatalities: 0

Number of Non-Fatal Injuries: 1

Relationship to Junction: Non-junction

Driveway Indicator: No

Light Condition: Dark-not lighted

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Collision with fixed object

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 1

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: Yes

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Friday

**Table 83. Accident 06009865 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Movements essentially straight ahead	Passenger car	Standing tree	1977/05/28	28
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Standing tree		

**Accident Details:** Accident Case ID: 06002110

**Accident**

Accident ID: 06002110

Internal Accident ID: A49430

Inventory Element: S2901a

Pre-Post Process Inventory Element: S14214

Location: 9.7985

GIS Identifier: 06002110

Accident Date: 2006/01/23

Accident Month: January

Accident Time of Day: 1152

Accident Date Stamp: 01/23/06 11:52:00

Accident Year: 2006

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: Non-junction

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Snow

Roadway Surface Condition: Snow

Accident Type and Manner of Collision: Collision with fixed object

Contributing Circumstances, Environment: Weather conditions

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 1

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: Yes

Pedestrian Indicator: No

Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Monday

**Table 84. Accident 06002110 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Embankment	1937/01/20	69
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Embankment		

**Accident Details:** Accident Case ID: 08023044

**Accident**

Accident ID: 08023044  
 Internal Accident ID: A114593  
 Inventory Element: S2901a  
 Pre-Post Process Inventory Element: S2901  
 Location: 9.223  
 GIS Identifier: 08023044  
 Accident Date: 2008/09/06  
 Accident Month: September  
 Accident Time of Day: 2028  
 Accident Date Stamp: 09/06/08 20:28:00  
 Accident Year: 2008  
 Accident Severity Level 1: Property-Damage-Only  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 0  
 Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Dark-lighted  
 Weather Condition: Rain  
 Roadway Surface Condition: Wet  
 Accident Type and Manner of Collision: Other single-vehicle collision  
 Contributing Circumstances, Environment: Weather conditions  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 1  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs



Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: No  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Saturday

**Table 85. Accident 08023044 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Thrown or falling object	1977/08/31	31
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Thrown or falling object		

**Accident Details:** Accident Case ID: 08033996

#### **Accident**

Accident ID: 08033996  
 Internal Accident ID: A119794  
 Inventory Element: S2901a  
 Pre-Post Process Inventory Element: S2901  
 Location: 9.4114  
 GIS Identifier: 08033996  
 Accident Date: 2008/12/19  
 Accident Month: December  
 Accident Time of Day: 1457  
 Accident Date Stamp: 12/19/08 14:57:00  
 Accident Year: 2008  
 Accident Severity Level 1: Possible Injury  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 1  
 Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Daylight  
 Weather Condition: Snow  
 Roadway Surface Condition: Snow  
 Accident Type and Manner of Collision: Sideswipe, opposite direction  
 Contributing Circumstances, Environment: Weather conditions  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown

Work Zone Related: No  
 Number of Vehicles Involved: 4  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: No  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Friday

**Table 86. Accident 08033996 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1990/04/03	18
Vehicle 2	Westbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1952/01/02	56

**Accident Details:** Accident Case ID: 05017368

#### Accident

Accident ID: 05017368  
 Internal Accident ID: A36962  
 Inventory Element: S2901a  
 Pre-Post Process Inventory Element: S14214  
 Location: 9.8606  
 GIS Identifier: 05017368  
 Accident Date: 2005/06/02  
 Accident Month: June  
 Accident Time of Day: 1507  
 Accident Date Stamp: 06/02/05 15:07:00  
 Accident Year: 2005  
 Accident Severity Level 1: Non-Incapacitating Injury  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 2  
 Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Daylight  
 Weather Condition: Clear  
 Roadway Surface Condition: Dry  
 Accident Type and Manner of Collision: Other multiple-vehicle collision

Contributing Circumstances, Environment: None  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 2  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: No  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Thursday

**Table 87. Accident 05017368 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1979/05/09	26
Vehicle 2	Westbound	Stopped in traffic	Passenger car	Motor vehicle in transport	1974/07/03	30

**Accident Details:** Accident Case ID: 08022251

**Accident**

Accident ID: 08022251  
 Internal Accident ID: A107853  
 Inventory Element: S2901a  
 Pre-Post Process Inventory Element: S14214  
 Location: 10.1868  
 GIS Identifier: 08022251  
 Accident Date: 2008/08/17  
 Accident Month: August  
 Accident Time of Day: 0231  
 Accident Date Stamp: 08/17/08 02:31:00  
 Accident Year: 2008  
 Accident Severity Level 1: Property-Damage-Only  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 0  
 Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Dark-not lighted

Weather Condition: Clear  
 Roadway Surface Condition: Dry  
 Accident Type and Manner of Collision: Collision with animal  
 Contributing Circumstances, Environment: Animal(s) in roadway  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 1  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: No  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Sunday

**Table 88. Accident 08022251 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Movements essentially straight ahead	Sport utility vehicle	Animal	1968/08/17	40
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Animal		

*SafetyAnalyst*

**Accident Summary for Route US U0000004\_\_,  
Milepost 10.365 (Intersection 42911)**

Apr 6, 2011

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## Table of Contents

1. Accident Summary . . . . .	1
1.1 Accident Case Identifier . . . . .	1
1.2 Accident Month . . . . .	1
1.3 Accident Severity Level 1 . . . . .	2
1.4 Accident Time of Day . . . . .	2
1.5 Accident Type and Manner of Collision . . . . .	3
1.6 Alcohol/Drug Involvement . . . . .	3
1.7 Bicycle Indicator . . . . .	4
1.8 Contributing Circumstances, Environment . . . . .	4
1.9 Contributing Circumstances, Road . . . . .	5
1.10 Day of Week . . . . .	5
1.11 Divided Highway Flag-Side of Road . . . . .	6
1.12 Driver Age . . . . .	6
1.13 Driveway Indicator . . . . .	7
1.14 First Harmful Event . . . . .	7
1.15 Initial Direction of Travel . . . . .	8
1.16 Light Condition . . . . .	8
1.17 Number of Vehicles Involved . . . . .	9
1.18 Pedestrian Indicator . . . . .	9
1.19 Relationship to Junction . . . . .	10
1.20 Roadway Surface Condition . . . . .	10
1.21 Run-Off Road Indicator . . . . .	11
1.22 School Bus Related . . . . .	11
1.23 Tow-Away Indicator . . . . .	12
1.24 Vehicle Configuration . . . . .	12
1.25 Vehicle Maneuver/Action . . . . .	13
1.26 Vehicle Turning Movement . . . . .	13
1.27 Weather Condition . . . . .	14
1.28 Work Zone Related . . . . .	14
2. Route US U0000004 __, Milepost 10.365 . . . . .	16
3. Accident Case Details . . . . .	19

**List of Tables**

Table 1. Accident Case Identifier by Year . . . . .	1
Table 2. Accident Month . . . . .	1
Table 3. Accident Month (Accident Case Identifier) . . . . .	2
Table 4. Accident Severity Level 1 . . . . .	2
Table 5. Accident Severity Level 1 (Accident Case Identifier) . . . . .	2
Table 6. Accident Time of Day . . . . .	2
Table 7. Accident Time of Day (Accident Case Identifier) . . . . .	3
Table 8. Accident Type and Manner of Collision . . . . .	3
Table 9. Accident Type and Manner of Collision (Accident Case Identifier) . . . . .	3
Table 10. Alcohol/Drug Involvement . . . . .	3
Table 11. Alcohol/Drug Involvement (Accident Case Identifier) . . . . .	4
Table 12. Bicycle Indicator . . . . .	4
Table 13. Bicycle Indicator (Accident Case Identifier) . . . . .	4
Table 14. Contributing Circumstances, Environment . . . . .	4
Table 15. Contributing Circumstances, Environment (Accident Case Identifier) . . . . .	5
Table 16. Contributing Circumstances, Road . . . . .	5
Table 17. Contributing Circumstances, Road (Accident Case Identifier) . . . . .	5
Table 18. Day of Week . . . . .	5
Table 19. Day of Week (Accident Case Identifier) . . . . .	6
Table 20. Divided Highway Flag-Side of Road . . . . .	6
Table 21. Divided Highway Flag-Side of Road (Accident Case Identifier) . . . . .	6
Table 22. Driver Age in Years . . . . .	6
Table 23. Driver Age in Years (Accident Case Identifier) . . . . .	7
Table 24. Driveway Indicator . . . . .	7
Table 25. Driveway Indicator (Accident Case Identifier) . . . . .	7
Table 26. First Harmful Event . . . . .	7
Table 27. First Harmful Event (Accident Case Identifier) . . . . .	8
Table 28. Initial Direction of Travel . . . . .	8
Table 29. Initial Direction of Travel (Accident Case Identifier) . . . . .	8
Table 30. Light Condition . . . . .	9
Table 31. Light Condition (Accident Case Identifier) . . . . .	9
Table 32. Number of Vehicles Involved . . . . .	9
Table 33. Number of Vehicles Involved (Accident Case Identifier) . . . . .	9
Table 34. Pedestrian Indicator . . . . .	10
Table 35. Pedestrian Indicator (Accident Case Identifier) . . . . .	10
Table 36. Relationship to Junction . . . . .	10
Table 37. Relationship to Junction (Accident Case Identifier) . . . . .	10
Table 38. Roadway Surface Condition . . . . .	11



Table 39. Roadway Surface Condition (Accident Case Identifier) . . . . .	11
Table 40. Run-Off Road Indicator . . . . .	11
Table 41. Run-Off Road Indicator (Accident Case Identifier) . . . . .	11
Table 42. School Bus Related . . . . .	12
Table 43. School Bus Related (Accident Case Identifier) . . . . .	12
Table 44. Tow-Away Indicator . . . . .	12
Table 45. Tow-Away Indicator (Accident Case Identifier) . . . . .	12
Table 46. Vehicle Configuration . . . . .	13
Table 47. Vehicle Configuration (Accident Case Identifier) . . . . .	13
Table 48. Vehicle Maneuver/Action . . . . .	13
Table 49. Vehicle Maneuver/Action (Accident Case Identifier) . . . . .	13
Table 50. Vehicle Turning Movement . . . . .	14
Table 51. Vehicle Turning Movement (Accident Case Identifier) . . . . .	14
Table 52. Weather Condition . . . . .	14
Table 53. Weather Condition (Accident Case Identifier) . . . . .	14
Table 54. Work Zone Related . . . . .	15
Table 55. Work Zone Related (Accident Case Identifier) . . . . .	15
Table 56. Route US U0000004__, Milepost 10.365 Major Road Annual Traffic . . . . .	17
Table 57. Route US U0000004__, Milepost 10.365 Minor Road Annual Traffic . . . . .	17
Table 58. Accident 08017331 Vehicle-Level Accident Data . . . . .	20
Table 59. Accident 09017815 Vehicle-Level Accident Data . . . . .	21



# 1. Accident Summary

This is a summary of the accident data associated with the following Intersection from the **NH State 2009** data set, created on Apr 2, 2010 9:54 AM:

Route US U0000004 \_\_, Milepost 10.365 (Intersection 42911)

The details for this site are listed in the [next](#) section.

## Notes:

The summary includes **2 Total Accidents** spanning the dates **1/1/2002** to **12/31/2009**.

Dates excluded from the summary period due to major reconstruction: **option not selected when specifying the analysis period.**

## 1.1 Accident Case Identifier

Unique case numbers of the accidents for the site and analysis period.

**Table 1. Accident Case Identifier by Year**

Description	Accident Case Identifier
2008	<a href="#">08017331</a>
2009	<a href="#">09017815</a>

## 1.2 Accident Month

The month in which the accident occurred.

**Table 2. Accident Month**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
June	0	0	0	0	0	0	1	0	1	50	10
August	0	0	0	0	0	0	0	1	1	50	9
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 3. Accident Month (Accident Case Identifier)**

Description	Accident Case Identifier
June	08017331
August	09017815

### 1.3 Accident Severity Level 1

The severity of the accident based on the most severe injury to any person involved.

**Table 4. Accident Severity Level 1**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Property-Damage-Only	0	0	0	0	0	0	1	1	2	100	N/A
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	N/A

**Table 5. Accident Severity Level 1 (Accident Case Identifier)**

Description	Accident Case Identifier
Property-Damage-Only	08017331, 09017815

### 1.4 Accident Time of Day

The time (hour and minute) at which the accident occurred.

**Table 6. Accident Time of Day**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
3:00 am to 3:59 am	0	0	0	0	0	0	0	1	1	50	N/A
7:00 am to 7:59 am	0	0	0	0	0	0	1	0	1	50	N/A
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	N/A

**Table 7. Accident Time of Day (Accident Case Identifier)**

Description	Accident Case Identifier
3:00 am to 3:59 am	09017815
7:00 am to 7:59 am	08017331

## 1.5 Accident Type and Manner of Collision

The type of first harmful event in a single-vehicle accident or, in a multiple-vehicle collision, manner in which two vehicles in transport initially came together without regard to the direction of force, or the type of object with which a single vehicle collided.

**Table 8. Accident Type and Manner of Collision**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Collision with fixed object	0	0	0	0	0	0	0	1	1	50	5
Other multiple-vehicle collision	0	0	0	0	0	0	1	0	1	50	67
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 9. Accident Type and Manner of Collision (Accident Case Identifier)**

Description	Accident Case Identifier
Collision with fixed object	09017815
Other multiple-vehicle collision	08017331

## 1.6 Alcohol/Drug Involvement

The investigating police officer's assessment of whether alcohol or drug use was suspected or demonstrated to be present by test for any vehicle driver or non-motorist in the accident.

**Table 10. Alcohol/Drug Involvement**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Neither alcohol nor other drugs	0	0	0	0	0	0	1	1	2	100	98
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 11. Alcohol/Drug Involvement (Accident Case Identifier)**

Description	Accident Case Identifier
Neither alcohol nor other drugs	<a href="#">08017331, 09017815</a>

## 1.7 Bicycle Indicator

Indicates whether a bicycle was involved in the accident.

**Table 12. Bicycle Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	0	0	0	0	0	0	1	1	2	100	98
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 13. Bicycle Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	<a href="#">08017331, 09017815</a>

## 1.8 Contributing Circumstances, Environment

Apparent environmental conditions which contributed to the accident.

**Table 14. Contributing Circumstances, Environment**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
None	0	0	0	0	0	0	1	0	1	50	70
Weather conditions	0	0	0	0	0	0	0	1	1	50	15
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 15. Contributing Circumstances, Environment (Accident Case Identifier)**

Description	Accident Case Identifier
None	08017331
Weather conditions	09017815

## 1.9 Contributing Circumstances, Road

Apparent conditions of the road which contributed to the accident.

**Table 16. Contributing Circumstances, Road**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
None	0	0	0	0	0	0	1	1	2	100	95
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 17. Contributing Circumstances, Road (Accident Case Identifier)**

Description	Accident Case Identifier
None	08017331, 09017815

## 1.10 Day of Week

The day of the week on which the accident occurred.

**Table 18. Day of Week**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Tuesday	0	0	0	0	0	0	1	0	1	50	16
Friday	0	0	0	0	0	0	0	1	1	50	18
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 19. Day of Week (Accident Case Identifier)**

Description	Accident Case Identifier
Tuesday	08017331
Friday	09017815

## 1.11 Divided Highway Flag-Side of Road

Indicates the direction of travel for the side of the divided highway where the accident occurred. Mandatory for agencies that keep independent records for the individual sides of a divided highway. Can be used for divided highway by any agency.

**Table 20. Divided Highway Flag-Side of Road**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	0	0	0	0	0	0	1	1	2	100	100
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 21. Divided Highway Flag-Side of Road (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	08017331, 09017815

## 1.12 Driver Age

The value of this item is the driver age, in years, at the time of the accident. The value of this item is calculated during data set post processing.

**Table 22. Driver Age in Years**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
25 to 34	0	0	0	0	0	0	1	1	2	67	N/A
35 to 44	0	0	0	0	0	0	1	0	1	33	N/A
<b>Total Vehicles</b>	0	0	0	0	0	0	2	1	3	100	N/A



**Table 23. Driver Age in Years (Accident Case Identifier)**

Description	Accident Case Identifier
25 to 34	08017331, 09017815
35 to 44	08017331

### 1.13 Driveway Indicator

Indicates if the accident occurred at or near a driveway junction.

**Table 24. Driveway Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	0	0	0	0	0	0	1	1	2	100	100
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 25. Driveway Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	08017331, 09017815

### 1.14 First Harmful Event

The first injury or damage-producing event that characterizes the accident type.

**Table 26. First Harmful Event**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Motor vehicle in transport	0	0	0	0	0	0	2	0	2	67	N/A
Embankment	0	0	0	0	0	0	0	1	1	33	N/A
<b>Total Vehicles</b>	0	0	0	0	0	0	2	1	3	100	N/A

**Table 27. First Harmful Event (Accident Case Identifier)**

Description	Accident Case Identifier
Motor vehicle in transport	08017331, 08017331
Embankment	09017815

## 1.15 Initial Direction of Travel

The direction of a vehicle's normal, general travel on the roadway before the accident. Notice that this is not a compass direction but a direction consistent with the designated direction of the road. For example, the direction of a state designated north-south highway must be either northbound or southbound even though a vehicle may have been traveling due east as a result of a short segment of the highway having an east-west orientation.

**Table 28. Initial Direction of Travel**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Northbound	0	0	0	0	0	0	1	0	1	33	N/A
Eastbound	0	0	0	0	0	0	1	1	2	67	N/A
<b>Total Vehicles</b>	0	0	0	0	0	0	2	1	3	100	N/A

**Table 29. Initial Direction of Travel (Accident Case Identifier)**

Description	Accident Case Identifier
Northbound	08017331
Eastbound	08017331, 09017815

## 1.16 Light Condition

The type/level of lighting that existed at the time of the accident.

**Table 30. Light Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Daylight	0	0	0	0	0	0	1	0	1	50	76
Dark-lighted	0	0	0	0	0	0	0	1	1	50	14
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 31. Light Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Daylight	<a href="#">08017331</a>
Dark-lighted	<a href="#">09017815</a>

## 1.17 Number of Vehicles Involved

The count of motor vehicles (e.g., automobiles, single-unit trucks, truck combinations that are in motion or on a roadway) involved in the accident.

(Note: Parked vehicles are not included in this vehicle count, nor are bicycles and pedestrians.)

**Table 32. Number of Vehicles Involved**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
1 Vehicle	0	0	0	0	0	0	0	1	1	50	N/A
2 Vehicles	0	0	0	0	0	0	1	0	1	50	N/A
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	N/A

**Table 33. Number of Vehicles Involved (Accident Case Identifier)**

Description	Accident Case Identifier
1 Vehicle	<a href="#">09017815</a>
2 Vehicles	<a href="#">08017331</a>

## 1.18 Pedestrian Indicator

Indicates whether a pedestrian was involved in the accident.

**Table 34. Pedestrian Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	0	0	0	0	0	0	1	1	2	100	98
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 35. Pedestrian Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	08017331, 09017815

## 1.19 Relationship to Junction

Identifies the type of related cross street to the accident site.

Definitions vary across states. For compatibility with the structure of SafetyAnalyst, a recoding that differs from MMUCC is recommended. Some distinctions that MMUCC tries to make in this field will instead be made in site characteristics data in SafetyAnalyst.

**Table 36. Relationship to Junction**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
At intersection	0	0	0	0	0	0	1	1	2	100	76
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 37. Relationship to Junction (Accident Case Identifier)**

Description	Accident Case Identifier
At intersection	08017331, 09017815

## 1.20 Roadway Surface Condition

The roadway surface condition at the time and place of the accident.

**Table 38. Roadway Surface Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Dry	0	0	0	0	0	0	1	1	2	100	75
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 39. Roadway Surface Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Dry	<a href="#">08017331, 09017815</a>

## 1.21 Run-Off Road Indicator

Indicates whether any vehicle involved in the accident ran off the roadway.

**Table 40. Run-Off Road Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Yes	0	0	0	0	0	0	0	1	1	50	5
No	0	0	0	0	0	0	1	0	1	50	95
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 41. Run-Off Road Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
Yes	<a href="#">09017815</a>
No	<a href="#">08017331</a>

## 1.22 School Bus Related

Indicates if a school bus or vehicle functioning as a school bus for a school-related purpose was involved in the accident. The school bus, with or without a passenger on board, must be directly involved as a contact vehicle or indirectly involved as a non-contact vehicle.

**Table 42. School Bus Related**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	0	0	0	0	0	0	1	1	2	100	100
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 43. School Bus Related (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	<a href="#">08017331, 09017815</a>

## 1.23 Tow-Away Indicator

Indicates whether any vehicle involved in the accident was towed away from the scene.

**Table 44. Tow-Away Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	0	0	0	0	0	0	1	1	2	100	100
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 45. Tow-Away Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	<a href="#">08017331, 09017815</a>

## 1.24 Vehicle Configuration

Indicates the general configuration of the vehicle.

**Table 46. Vehicle Configuration**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Passenger car	0	0	0	0	0	0	1	1	2	67	N/A
Motorcycle/Moped	0	0	0	0	0	0	1	0	1	33	N/A
<b>Total Vehicles</b>	0	0	0	0	0	0	2	1	3	100	N/A

**Table 47. Vehicle Configuration (Accident Case Identifier)**

Description	Accident Case Identifier
Passenger car	08017331, 09017815
Motorcycle/Moped	08017331

## 1.25 Vehicle Maneuver/Action

The controlled maneuver that the vehicle was doing prior to the first event in the sequence of events for this vehicle.

**Table 48. Vehicle Maneuver/Action**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Movements essentially straight ahead	0	0	0	0	0	0	1	1	2	67	N/A
Turning left	0	0	0	0	0	0	1	0	1	33	N/A
<b>Total Vehicles</b>	0	0	0	0	0	0	2	1	3	100	N/A

**Table 49. Vehicle Maneuver/Action (Accident Case Identifier)**

Description	Accident Case Identifier
Movements essentially straight ahead	08017331, 09017815
Turning left	08017331

## 1.26 Vehicle Turning Movement

Characterization of multiple vehicle accidents where any involved vehicle was performing a turning maneuver prior to impact. Any left turn maneuver or U-turn maneuver will take precedence over any right turn maneuver. For example, if Vehicle 1 made a left turn and Vehicle 2 made a right turn, then this data item will be classified as a left turn accident. Even though the

first level of this data element is labeled Left turn, the left turn category also includes U-turn accidents.

**Table 50. Vehicle Turning Movement**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Left turn	0	0	0	0	0	0	1	0	1	50	35
No-turn	0	0	0	0	0	0	0	1	1	50	58
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 51. Vehicle Turning Movement (Accident Case Identifier)**

Description	Accident Case Identifier
Left turn	08017331
No-turn	09017815

## 1.27 Weather Condition

The main prevailing atmospheric conditions that existed at the time of the accident.

**Table 52. Weather Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Cloudy	0	0	0	0	0	0	1	0	1	50	21
Fog, smog, smoke	0	0	0	0	0	0	0	1	1	50	0
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 53. Weather Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Cloudy	08017331
Fog, smog, smoke	09017815

## 1.28 Work Zone Related

Indicates whether the accident occurred in or near a construction, maintenance, or utility work zone, whether workers were actually present at



the time of the accident or not. Work zone related accidents include those involving vehicles slowed or stopped because of the work zone, even if the first harmful event was before the first warning sign. MMUCC has additional subfields related to this data item that are not included in this format.

**Table 54. Work Zone Related**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	0	0	0	0	0	0	1	1	2	100	99
<b>Total Accidents</b>	0	0	0	0	0	0	1	1	2	100	100

**Table 55. Work Zone Related (Accident Case Identifier)**

Description	Accident Case Identifier
No	<a href="#">08017331</a> , <a href="#">09017815</a>

## **2. Route US U0000004\_\_, Milepost 10.365**

### **Intersection**

Intersection ID: 42911

Internal Intersection ID: I8524

Route Number Display Value: USU0000004\_\_

Site Subtype: Int/Urb; 3-leg minor-rd STOP

Location: 10.365

GIS Identifier: 42911

Major Road Direction: East-West

Minor Road Name: High St

Minor Road Location: 0.0

Intersection Type Level 1: Tee intersection

Intersection Type Level 2: Three-legs

Traffic Control Type at Intersection: Stop signs on cross street only

Growth Factor: 1.0000

Growth Factor Source: Specified

Maximum AADT: 10,000 vehicles per day

Number of Accidents: 2

### **Geographic Description**

Identifier: G1728

Route Type: US route

Route Name: U0000004\_\_

Major Road Name: School St

County: GRAFTON

District: 2

City/Town: ENFIELD

Jurisdiction: State maintained

Area Type: Urban

**Table 56. Route US U0000004 \_\_, Milepost 10.365 Major Road Annual Traffic**

Year	AADT	Volume Source	Comment
2002	10,000	Growth Factor Applied	
2003	10,000	Growth Factor Applied	
2004	10,000	Growth Factor Applied	
2005	10,000	Growth Factor Applied	
2006	10,000	Growth Factor Applied	
2007	10,000	Growth Factor Applied	
2008	10,000	Growth Factor Applied	
2009	10,000	Measured	

**Table 57. Route US U0000004 \_\_, Milepost 10.365 Minor Road Annual Traffic**

Year	AADT	Volume Source	Comment
2002	1,716	Growth Factor Applied	
2003	1,716	Growth Factor Applied	
2004	1,716	Growth Factor Applied	
2005	1,716	Growth Factor Applied	
2006	1,716	Growth Factor Applied	
2007	1,716	Growth Factor Applied	
2008	1,716	Growth Factor Applied	
2009	1,716	Measured	

**Intersection Leg**

Leg ID: 1

Type: Major road, increasing milepost direction

Leg Location: 10.365

Direction: EB approach

Thru Lanes: 1

Median Type: Unknown

Left-Turn Phasing: Unknown

Turn Prohibitions: Unknown

Operation: Unknown

**Intersection Leg**

Leg ID: 2

Type: Major road, decreasing milepost direction

Leg Location: 10.365

Direction: WB approach

Thru Lanes: 1

Median Type: Unknown

Left-Turn Phasing: Unknown

Turn Prohibitions: Unknown

Operation: Unknown

**Intersection Leg**

Leg ID: 3

Type: Minor road, increasing milepost direction

Leg Location: 0.0

Direction: NB approach

Thru Lanes: 1

Median Type: Unknown

Left-Turn Phasing: Unknown

Turn Prohibitions: Unknown

Operation: Unknown

### **3. Accident Case Details**

**Accident Details:** Accident Case ID: 08017331

#### **Accident**

Accident ID: 08017331

Internal Accident ID: A108701

Inventory Element: I8524

Location: 10.36325

GIS Identifier: 08017331

Accident Date: 2008/06/24

Accident Month: June

Accident Time of Day: 0726

Accident Date Stamp: 06/24/08 07:26:00

Accident Year: 2008

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: At intersection

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Cloudy

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Other multiple-vehicle collision

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: Left turn

Day of Week: Tuesday

Agency Intersection Identifier: 42911

**Table 58. Accident 08017331 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Northbound	Turning left	Passenger car	Motor vehicle in transport	1971/07/19	36
Vehicle 2	Eastbound	Movements essentially straight ahead	Motorcycle/Moped	Motor vehicle in transport	1978/10/10	29

**Accident Details:** Accident Case ID: 09017815

### Accident

Accident ID: 09017815

Internal Accident ID: A130451

Inventory Element: I8524

Location: 10.3903

GIS Identifier: 09017815

Accident Date: 2009/08/14

Accident Month: August

Accident Time of Day: 0359

Accident Date Stamp: 08/14/09 03:59:00

Accident Year: 2009

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: At intersection

Driveway Indicator: No

Light Condition: Dark-lighted

Weather Condition: Fog, smog, smoke

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Collision with fixed object

Contributing Circumstances, Environment: Weather conditions

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 1

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: Yes

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Friday

**Table 59. Accident 09017815 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Embankment	1982/08/23	26
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Embankment		

*SafetyAnalyst*

**Accident Summary for Route US U0000004  
Milepost 10.281 to 11.412 (Segment 38634...47816)**

Apr 6, 2011



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## **Table of Contents**

1. Accident Summary . . . . .	1
1.1 Accident Case Identifier . . . . .	1
1.2 Accident Month . . . . .	1
1.3 Accident Severity Level 1 . . . . .	2
1.4 Accident Time of Day . . . . .	3
1.5 Accident Type and Manner of Collision . . . . .	4
1.6 Alcohol/Drug Involvement . . . . .	5
1.7 Bicycle Indicator . . . . .	5
1.8 Contributing Circumstances, Environment . . . . .	6
1.9 Contributing Circumstances, Road . . . . .	6
1.10 Day of Week . . . . .	7
1.11 Divided Highway Flag-Side of Road . . . . .	8
1.12 Driver Age . . . . .	8
1.13 Driveway Indicator . . . . .	9
1.14 First Harmful Event . . . . .	10
1.15 Initial Direction of Travel . . . . .	10
1.16 Light Condition . . . . .	11
1.17 Number of Vehicles Involved . . . . .	12
1.18 Pedestrian Indicator . . . . .	12
1.19 Relationship to Junction . . . . .	13
1.20 Roadway Surface Condition . . . . .	14
1.21 Run-Off Road Indicator . . . . .	14
1.22 School Bus Related . . . . .	15
1.23 Tow-Away Indicator . . . . .	15
1.24 Vehicle Configuration . . . . .	16
1.25 Vehicle Maneuver/Action . . . . .	17
1.26 Vehicle Turning Movement . . . . .	18
1.27 Weather Condition . . . . .	18
1.28 Work Zone Related . . . . .	19
2. Route US U0000004__, Milepost 10.281 to 11.412 . . . . .	20
3. Accident Case Details . . . . .	22

## **List of Tables**

Table 1. Accident Case Identifier by Year . . . . .	1
Table 2. Accident Month . . . . .	2
Table 3. Accident Month (Accident Case Identifier) . . . . .	2
Table 4. Accident Severity Level 1 . . . . .	2
Table 5. Accident Severity Level 1 (Accident Case Identifier) . . . . .	3
Table 6. Accident Time of Day . . . . .	3
Table 7. Accident Time of Day (Accident Case Identifier) . . . . .	4
Table 8. Accident Type and Manner of Collision . . . . .	4
Table 9. Accident Type and Manner of Collision (Accident Case Identifier) . . . . .	4
Table 10. Alcohol/Drug Involvement . . . . .	5
Table 11. Alcohol/Drug Involvement (Accident Case Identifier) . . . . .	5
Table 12. Bicycle Indicator . . . . .	5
Table 13. Bicycle Indicator (Accident Case Identifier) . . . . .	6
Table 14. Contributing Circumstances, Environment . . . . .	6
Table 15. Contributing Circumstances, Environment (Accident Case Identifier) . . . . .	6
Table 16. Contributing Circumstances, Road . . . . .	7
Table 17. Contributing Circumstances, Road (Accident Case Identifier) . . . . .	7
Table 18. Day of Week . . . . .	7
Table 19. Day of Week (Accident Case Identifier) . . . . .	8
Table 20. Divided Highway Flag-Side of Road . . . . .	8
Table 21. Divided Highway Flag-Side of Road (Accident Case Identifier) . . . . .	8
Table 22. Driver Age in Years . . . . .	9
Table 23. Driver Age in Years (Accident Case Identifier) . . . . .	9
Table 24. Driveway Indicator . . . . .	9
Table 25. Driveway Indicator (Accident Case Identifier) . . . . .	10
Table 26. First Harmful Event . . . . .	10
Table 27. First Harmful Event (Accident Case Identifier) . . . . .	10
Table 28. Initial Direction of Travel . . . . .	11
Table 29. Initial Direction of Travel (Accident Case Identifier) . . . . .	11
Table 30. Light Condition . . . . .	11
Table 31. Light Condition (Accident Case Identifier) . . . . .	12
Table 32. Number of Vehicles Involved . . . . .	12
Table 33. Number of Vehicles Involved (Accident Case Identifier) . . . . .	12
Table 34. Pedestrian Indicator . . . . .	13
Table 35. Pedestrian Indicator (Accident Case Identifier) . . . . .	13
Table 36. Relationship to Junction . . . . .	13
Table 37. Relationship to Junction (Accident Case Identifier) . . . . .	13
Table 38. Roadway Surface Condition . . . . .	14

Table 39. Roadway Surface Condition (Accident Case Identifier) . . . . .	14
Table 40. Run-Off Road Indicator . . . . .	14
Table 41. Run-Off Road Indicator (Accident Case Identifier) . . . . .	15
Table 42. School Bus Related . . . . .	15
Table 43. School Bus Related (Accident Case Identifier) . . . . .	15
Table 44. Tow-Away Indicator . . . . .	16
Table 45. Tow-Away Indicator (Accident Case Identifier) . . . . .	16
Table 46. Vehicle Configuration . . . . .	16
Table 47. Vehicle Configuration (Accident Case Identifier) . . . . .	17
Table 48. Vehicle Maneuver/Action . . . . .	17
Table 49. Vehicle Maneuver/Action (Accident Case Identifier) . . . . .	17
Table 50. Vehicle Turning Movement . . . . .	18
Table 51. Vehicle Turning Movement (Accident Case Identifier) . . . . .	18
Table 52. Weather Condition . . . . .	18
Table 53. Weather Condition (Accident Case Identifier) . . . . .	19
Table 54. Work Zone Related . . . . .	19
Table 55. Work Zone Related (Accident Case Identifier) . . . . .	19
Table 56. Route US U0000004 __, Milepost 10.281 to 11.412 Directional Attributes . . . . .	21
Table 57. Route US U0000004 __, Milepost 10.281 to 11.412 Annual Traffic . . . . .	21
Table 58. Accident 08008604 Vehicle-Level Accident Data . . . . .	23
Table 59. Accident 07025446 Vehicle-Level Accident Data . . . . .	24
Table 60. Accident 08029415 Vehicle-Level Accident Data . . . . .	25
Table 61. Accident 09011538 Vehicle-Level Accident Data . . . . .	26
Table 62. Accident 08031072 Vehicle-Level Accident Data . . . . .	27
Table 63. Accident 09017534 Vehicle-Level Accident Data . . . . .	28
Table 64. Accident 09030996 Vehicle-Level Accident Data . . . . .	29
Table 65. Accident 06005060 Vehicle-Level Accident Data . . . . .	30
Table 66. Accident 07023111 Vehicle-Level Accident Data . . . . .	31
Table 67. Accident 05003717 Vehicle-Level Accident Data . . . . .	32
Table 68. Accident 03020112 Vehicle-Level Accident Data . . . . .	33
Table 69. Accident 06008184 Vehicle-Level Accident Data . . . . .	34
Table 70. Accident 07029798 Vehicle-Level Accident Data . . . . .	36
Table 71. Accident 08033993 Vehicle-Level Accident Data . . . . .	37
Table 72. Accident 03028589 Vehicle-Level Accident Data . . . . .	38
Table 73. Accident 08017342 Vehicle-Level Accident Data . . . . .	39



## 1. Accident Summary

This is a summary of the accident data associated with the following Segment from the **NH State 2009** data set, created on Apr 2, 2010 9:54 AM:

Route US U0000004 \_\_, Milepost 10.281 to 11.412 (Segment 38634...47816)

The details for this site are listed in the [next](#) section.

### Notes:

The summary includes **16 Total Accidents** spanning the dates **1/1/2002** to **12/31/2009**.

Dates excluded from the summary period due to major reconstruction: **option not selected when specifying the analysis period.**

The summary includes accidents that occur at the site between locations **10.281** to **10.585** inclusive.

### 1.1 Accident Case Identifier

Unique case numbers of the accidents for the site and analysis period.

**Table 1. Accident Case Identifier by Year**

Description	Accident Case Identifier
2003	<a href="#">03020112</a> , <a href="#">03028589</a>
2005	<a href="#">05003717</a>
2006	<a href="#">06005060</a> , <a href="#">06008184</a>
2007	<a href="#">07025446</a> , <a href="#">07023111</a> , <a href="#">07029798</a>
2008	<a href="#">08008604</a> , <a href="#">08029415</a> , <a href="#">08031072</a> , <a href="#">08033993</a> , <a href="#">08017342</a>
2009	<a href="#">09011538</a> , <a href="#">09017534</a> , <a href="#">09030996</a>

### 1.2 Accident Month

The month in which the accident occurred.

**Table 2. Accident Month**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
February	0	0	0	1	1	0	1	0	3	19	8
May	0	0	0	0	1	0	0	1	2	13	9
June	0	1	0	0	0	0	1	0	2	13	9
July	0	0	0	0	0	0	0	1	1	6	8
August	0	0	0	0	0	1	0	0	1	6	8
September	0	1	0	0	0	1	0	0	2	13	8
October	0	0	0	0	0	0	1	0	1	6	8
November	0	0	0	0	0	1	0	0	1	6	8
December	0	0	0	0	0	0	2	1	3	19	9
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 3. Accident Month (Accident Case Identifier)**

Description	Accident Case Identifier
February	08008604, 06005060, 05003717
May	09011538, 06008184
June	03020112, 08017342
July	09017534
August	07023111
September	07025446, 03028589
October	08029415
November	07029798
December	08031072, 09030996, 08033993

### 1.3 Accident Severity Level 1

The severity of the accident based on the most severe injury to any person involved.

**Table 4. Accident Severity Level 1**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Non-Incapacitating Injury	0	0	0	1	0	0	0	2	3	19	N/A
Property-Damage-Only	0	2	0	0	2	3	5	1	13	81	N/A
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	N/A

**Table 5. Accident Severity Level 1 (Accident Case Identifier)**

Description	Accident Case Identifier
Non-Incapacitating Injury	09011538, 09030996, 05003717
Property-Damage-Only	08008604, 07025446, 08029415, 08031072, 09017534, 06005060, 07023111, 03020112, 06008184, 07029798, 08033993, 03028589, 08017342

## 1.4 Accident Time of Day

The time (hour and minute) at which the accident occurred.

**Table 6. Accident Time of Day**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
2:00 am to 2:59 am	0	0	0	0	1	0	0	0	1	6	N/A
7:00 am to 7:59 am	0	0	0	0	1	0	1	0	2	13	N/A
8:00 am to 8:59 am	0	0	0	1	0	0	0	0	1	6	N/A
10:00 am to 10:59 am	0	1	0	0	0	0	1	0	2	13	N/A
11:00 am to 11:59 am	0	0	0	0	0	0	0	1	1	6	N/A
2:00 pm to 2:59 pm	0	0	0	0	0	0	1	0	1	6	N/A
3:00 pm to 3:59 pm	0	0	0	0	0	1	1	0	2	13	N/A
4:00 pm to 4:59 pm	0	0	0	0	0	1	1	0	2	13	N/A
5:00 pm to 5:59 pm	0	1	0	0	0	0	0	1	2	13	N/A
8:00 pm to 8:59 pm	0	0	0	0	0	1	0	0	1	6	N/A
10:00 pm to 10:59 pm	0	0	0	0	0	0	0	1	1	6	N/A
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	N/A



**Table 7. Accident Time of Day (Accident Case Identifier)**

Description	Accident Case Identifier
2:00 am to 2:59 am	06008184
7:00 am to 7:59 am	08008604,06005060
8:00 am to 8:59 am	05003717
10:00 am to 10:59 am	08033993, 03028589
11:00 am to 11:59 am	09011538
2:00 pm to 2:59 pm	08031072
3:00 pm to 3:59 pm	07025446,08029415
4:00 pm to 4:59 pm	07023111,08017342
5:00 pm to 5:59 pm	09017534,03020112
8:00 pm to 8:59 pm	07029798
10:00 pm to 10:59 pm	09030996

## 1.5 Accident Type and Manner of Collision

The type of first harmful event in a single-vehicle accident or, in a multiple-vehicle collision, manner in which two vehicles in transport initially came together without regard to the direction of force, or the type of object with which a single vehicle collided.

**Table 8. Accident Type and Manner of Collision**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Collision with animal	0	0	0	0	0	1	0	0	1	6	5
Collision with fixed object	0	0	0	1	2	0	1	1	5	31	21
Rear-end	0	0	0	0	0	0	2	2	4	25	10
Other multiple-vehicle collision	0	2	0	0	0	2	2	0	6	38	49
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 9. Accident Type and Manner of Collision (Accident Case Identifier)**

Description	Accident Case Identifier
Collision with animal	07029798
Collision with fixed object	09030996, 06005060, 05003717, 06008184, 08017342
Rear-end	08008604, 08029415, 09011538, 09017534
Other multiple-vehicle collision	07025446, 08031072, 07023111, 03020112, 08033993, 03028589

## 1.6 Alcohol/Drug Involvement

The investigating police officer's assessment of whether alcohol or drug use was suspected or demonstrated to be present by test for any vehicle driver or non-motorist in the accident.

**Table 10. Alcohol/Drug Involvement**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Neither alcohol nor other drugs	0	2	0	1	2	3	5	2	15	94	95
Yes (alcohol and drugs)	0	0	0	0	0	0	0	1	1	6	4
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 11. Alcohol/Drug Involvement (Accident Case Identifier)**

Description	Accident Case Identifier
Neither alcohol nor other drugs	08008604, 07025446, 08029415, 09011538, 08031072, 09017534, 06005060, 07023111, 05003717, 03020112, 06008184, 07029798, 08033993, 03028589, 08017342
Yes (alcohol and drugs)	09030996

## 1.7 Bicycle Indicator

Indicates whether a bicycle was involved in the accident.

**Table 12. Bicycle Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	0	2	0	1	2	3	5	3	16	100	99
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 13. Bicycle Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	08008604, 07025446, 08029415, 09011538, 08031072, 09017534, 09030996, 06005060, 07023111, 05003717, 03020112, 06008184, 07029798, 08033993, 03028589, 08017342

## 1.8 Contributing Circumstances, Environment

Apparent environmental conditions which contributed to the accident.

**Table 14. Contributing Circumstances, Environment**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
None	0	2	0	1	1	2	3	2	11	69	65
Weather conditions	0	0	0	0	1	0	1	0	2	13	20
Animal(s) in roadway	0	0	0	0	0	1	0	0	1	6	4
Unknown	0	0	0	0	0	0	1	1	2	13	5
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 15. Contributing Circumstances, Environment (Accident Case Identifier)**

Description	Accident Case Identifier
None	08008604, 07025446, 08029415, 09017534, 09030996, 06005060, 07023111, 05003717, 03020112, 03028589, 08017342
Weather conditions	06008184, 08033993
Animal(s) in roadway	07029798
Unknown	09011538, 08031072

## 1.9 Contributing Circumstances, Road

Apparent conditions of the road which contributed to the accident.

**Table 16. Contributing Circumstances, Road**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
None	0	2	0	1	2	3	5	3	16	100	94
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 17. Contributing Circumstances, Road (Accident Case Identifier)**

Description	Accident Case Identifier
None	08008604, 07025446, 08029415, 09011538, 08031072, 09017534, 09030996, 06005060, 07023111, 05003717, 03020112, 06008184, 07029798, 08033993, 03028589, 08017342

## 1.10 Day of Week

The day of the week on which the accident occurred.

**Table 18. Day of Week**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Monday	0	1	0	0	1	0	0	0	2	13	14
Tuesday	0	0	0	0	0	0	1	0	1	6	14
Wednesday	0	0	0	0	0	1	1	1	3	19	15
Thursday	0	1	0	0	1	1	2	0	5	31	16
Friday	0	0	0	0	0	0	1	1	2	13	18
Saturday	0	0	0	1	0	1	0	1	3	19	13
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 19. Day of Week (Accident Case Identifier)**

Description	Accident Case Identifier
Monday	06005060, 03028589
Tuesday	08017342
Wednesday	09017534, 07023111, 08033993
Thursday	07025446, 08029415, 08031072, 03020112, 06008184
Friday	08008604, 09030996
Saturday	09011538, 05003717, 07029798

## 1.11 Divided Highway Flag-Side of Road

Indicates the direction of travel for the side of the divided highway where the accident occurred. Mandatory for agencies that keep independent records for the individual sides of a divided highway. Can be used for divided highway by any agency.

**Table 20. Divided Highway Flag-Side of Road**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	0	2	0	1	2	3	5	3	16	100	100
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 21. Divided Highway Flag-Side of Road (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	08008604, 07025446, 08029415, 09011538, 08031072, 09017534, 09030996, 06005060, 07023111, 05003717, 03020112, 06008184, 07029798, 08033993, 03028589, 08017342

## 1.12 Driver Age

The value of this item is the driver age, in years, at the time of the accident. The value of this item is calculated during data set post processing.

**Table 22. Driver Age in Years**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Under 25	0	1	0	0	1	2	2	2	8	31	N/A
25 to 34	0	2	0	0	0	0	1	0	3	12	N/A
35 to 44	0	0	0	0	1	1	1	1	4	15	N/A
45 to 54	0	1	0	0	0	1	3	1	6	23	N/A
55 to 64	0	0	0	0	0	0	2	0	2	8	N/A
65 to 74	0	0	0	0	0	1	0	0	1	4	N/A
75 to 84	0	0	0	1	0	0	0	1	2	8	N/A
<b>Total Vehicles</b>	0	4	0	1	2	5	9	5	26	100	N/A

**Table 23. Driver Age in Years (Accident Case Identifier)**

Description	Accident Case Identifier
Under 25	07025446, 08029415, 09017534, 09030996, 07023111, 03020112, 06008184, 08033993
25 to 34	03020112, 03028589, 08017342
35 to 44	09011538, 08031072, 06005060, 07029798
45 to 54	07025446, 08029415, 09011538, 08031072, 08033993, 03028589
55 to 64	08008604, 08008604
65 to 74	07023111
75 to 84	09017534, 05003717

### 1.13 Driveway Indicator

Indicates if the accident occurred at or near a driveway junction.

**Table 24. Driveway Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	0	2	0	1	2	3	3	2	13	81	86
Yes, at driveway	0	0	0	0	0	0	2	1	3	19	14
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 25. Driveway Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	07025446, 08031072, 09017534, 09030996, 06005060, 07023111, 05003717, 03020112, 06008184, 07029798, 08033993, 03028589, 08017342
Yes, at driveway	08008604, 08029415, 09011538

## 1.14 First Harmful Event

The first injury or damage-producing event that characterizes the accident type.

**Table 26. First Harmful Event**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Animal	0	0	0	0	0	1	0	0	1	4	N/A
Motor vehicle in transport	0	4	0	0	0	4	8	4	20	77	N/A
Guardrail face	0	0	0	0	1	0	0	0	1	4	N/A
Other post, pole, or support	0	0	0	0	0	0	1	0	1	4	N/A
Other fixed object (wall, building, tunnel, etc.)	0	0	0	0	1	0	0	0	1	4	N/A
Unknown	0	0	0	1	0	0	0	1	2	8	N/A
<b>Total Vehicles</b>	0	4	0	1	2	5	9	5	26	100	N/A

**Table 27. First Harmful Event (Accident Case Identifier)**

Description	Accident Case Identifier
Animal	07029798
Motor vehicle in transport	08008604, 08008604, 07025446, 07025446, 08029415, 08029415, 09011538, 09011538, 08031072, 08031072, 09017534, 09017534, 07023111, 07023111, 03020112, 03020112, 08033993, 08033993, 03028589, 03028589
Guardrail face	06005060
Other post, pole, or support	08017342
Other fixed object (wall, building, tunnel, etc.)	06008184
Unknown	09030996, 05003717

## 1.15 Initial Direction of Travel

The direction of a vehicle's normal, general travel on the roadway before the accident. Notice that this is not a compass direction but a direction

consistent with the designated direction of the road. For example, the direction of a state designated north-south highway must be either northbound or southbound even though a vehicle may have been traveling due east as a result of a short segment of the highway having an east-west orientation.

**Table 28. Initial Direction of Travel**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Eastbound	0	3	0	1	1	3	4	2	14	54	N/A
Westbound	0	1	0	0	1	2	3	1	8	31	N/A
Unknown	0	0	0	0	0	0	2	2	4	15	N/A
<b>Total Vehicles</b>	0	4	0	1	2	5	9	5	26	100	N/A

**Table 29. Initial Direction of Travel (Accident Case Identifier)**

Description	Accident Case Identifier
Eastbound	08029415, 08029415, 09011538, 08031072, 09030996, 07023111, 07023111, 05003717, 03020112, 03020112, 06008184, 07029798, 08033993, 03028589
Westbound	08008604, 08008604, 07025446, 07025446, 09011538, 06005060, 08033993, 03028589
Unknown	08031072, 09017534, 09017534, 08017342

## 1.16 Light Condition

The type/level of lighting that existed at the time of the accident.

**Table 30. Light Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Daylight	0	2	0	1	1	2	5	2	13	81	70
Dark-lighted	0	0	0	0	1	1	0	0	2	13	14
Dark-not lighted	0	0	0	0	0	0	0	1	1	6	9
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100



**Table 31. Light Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Daylight	08008604, 07025446, 08029415, 09011538, 08031072, 09017534, 06005060, 07023111, 05003717, 03020112, 08033993, 03028589, 08017342
Dark-lighted	06008184, 07029798
Dark-not lighted	09030996

## 1.17 Number of Vehicles Involved

The count of motor vehicles (e.g., automobiles, single-unit trucks, truck combinations that are in motion or on a roadway) involved in the accident. (Note: Parked vehicles are not included in this vehicle count, nor are bicycles and pedestrians.)

**Table 32. Number of Vehicles Involved**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
1 Vehicle	0	0	0	1	2	1	1	1	6	38	N/A
2 Vehicles	0	2	0	0	0	2	2	1	7	44	N/A
More than 2 Vehicles	0	0	0	0	0	0	2	1	3	19	N/A
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	N/A

**Table 33. Number of Vehicles Involved (Accident Case Identifier)**

Description	Accident Case Identifier
1 Vehicle	09030996, 06005060, 05003717, 06008184, 07029798, 08017342
2 Vehicles	07025446, 08029415, 08031072, 09017534, 07023111, 03020112, 03028589
More than 2 Vehicles	08008604, 09011538, 08033993

## 1.18 Pedestrian Indicator

Indicates whether a pedestrian was involved in the accident.

**Table 34. Pedestrian Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	0	2	0	1	2	3	5	3	16	100	98
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 35. Pedestrian Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	08008604, 07025446, 08029415, 09011538, 08031072, 09017534, 09030996, 06005060, 07023111, 05003717, 03020112, 06008184, 07029798, 08033993, 03028589, 08017342

## 1.19 Relationship to Junction

Identifies the type of related cross street to the accident site.

Definitions vary across states. For compatibility with the structure of SafetyAnalyst, a recoding that differs from MMUCC is recommended. Some distinctions that MMUCC tries to make in this field will instead be made in site characteristics data in SafetyAnalyst.

**Table 36. Relationship to Junction**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Non-junction	0	2	0	1	2	3	3	2	13	81	83
At driveway or driveway-related	0	0	0	0	0	0	2	1	3	19	14
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 37. Relationship to Junction (Accident Case Identifier)**

Description	Accident Case Identifier
Non-junction	07025446, 08031072, 09017534, 09030996, 06005060, 07023111, 05003717, 03020112, 06008184, 07029798, 08033993, 03028589, 08017342
At driveway or driveway-related	08008604, 08029415, 09011538

## 1.20 Roadway Surface Condition

The roadway surface condition at the time and place of the accident.

**Table 38. Roadway Surface Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Dry	0	2	0	1	1	3	3	3	13	81	69
Wet	0	0	0	0	0	0	1	0	1	6	15
Snow	0	0	0	0	0	0	1	0	1	6	12
Ice/frost	0	0	0	0	1	0	0	0	1	6	4
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 39. Roadway Surface Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Dry	08008604, 07025446, 08029415, 09011538, 09017534, 09030996, 07023111, 05003717, 03020112, 06008184, 07029798, 03028589, 08017342
Wet	08031072
Snow	08033993
Ice/frost	06005060

## 1.21 Run-Off Road Indicator

Indicates whether any vehicle involved in the accident ran off the roadway.

**Table 40. Run-Off Road Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Yes	0	0	0	1	2	0	1	1	5	31	23
No	0	2	0	0	0	3	4	2	11	69	77
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 41. Run-Off Road Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
Yes	09030996, 06005060, 05003717, 06008184, 08017342
No	08008604, 07025446, 08029415, 09011538, 08031072, 09017534, 07023111, 03020112, 07029798, 08033993, 03028589

## 1.22 School Bus Related

Indicates if a school bus or vehicle functioning as a school bus for a school-related purpose was involved in the accident. The school bus, with or without a passenger on board, must be directly involved as a contact vehicle or indirectly involved as a non-contact vehicle.

**Table 42. School Bus Related**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	0	2	0	1	2	3	5	3	16	100	100
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 43. School Bus Related (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	08008604, 07025446, 08029415, 09011538, 08031072, 09017534, 09030996, 06005060, 07023111, 05003717, 03020112, 06008184, 07029798, 08033993, 03028589, 08017342

## 1.23 Tow-Away Indicator

Indicates whether any vehicle involved in the accident was towed away from the scene.

**Table 44. Tow-Away Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	0	2	0	1	2	3	5	3	16	100	100
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 45. Tow-Away Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	08008604, 07025446, 08029415, 09011538, 08031072, 09017534, 09030996, 06005060, 07023111, 05003717, 03020112, 06008184, 07029798, 08033993, 03028589, 08017342

## 1.24 Vehicle Configuration

Indicates the general configuration of the vehicle.

**Table 46. Vehicle Configuration**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Passenger car	0	1	0	1	2	5	4	3	16	62	N/A
Light truck, only four tires	0	2	0	0	0	0	2	1	5	19	N/A
Sport utility vehicle	0	0	0	0	0	0	2	1	3	12	N/A
Other	0	1	0	0	0	0	0	0	1	4	N/A
Unknown vehicle configuration	0	0	0	0	0	0	1	0	1	4	N/A
<b>Total Vehicles</b>	0	4	0	1	2	5	9	5	26	100	N/A

**Table 47. Vehicle Configuration (Accident Case Identifier)**

Description	Accident Case Identifier
Passenger car	08008604, 07025446, 07025446, 08029415, 09011538, 08031072, 09017534, 09030996, 06005060, 07023111, 07023111, 05003717, 06008184, 07029798, 08033993, 03028589
Light truck, only four tires	08029415, 09011538, 03020112, 03020112, 08017342
Sport utility vehicle	08008604, 09017534, 08033993
Other	03028589
Unknown vehicle configuration	08031072

## 1.25 Vehicle Maneuver/Action

The controlled maneuver that the vehicle was doing prior to the first event in the sequence of events for this vehicle.

**Table 48. Vehicle Maneuver/Action**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Movements essentially straight ahead	0	2	0	1	2	4	7	4	20	77	N/A
Changing lanes	0	0	0	0	0	0	1	0	1	4	N/A
Turning right	0	1	0	0	0	0	0	0	1	4	N/A
Slowing	0	1	0	0	0	0	1	0	2	8	N/A
Stopped in traffic	0	0	0	0	0	1	0	1	2	8	N/A
<b>Total Vehicles</b>	0	4	0	1	2	5	9	5	26	100	N/A

**Table 49. Vehicle Maneuver/Action (Accident Case Identifier)**

Description	Accident Case Identifier
Movements essentially straight ahead	08008604, 08008604, 07025446, 07025446, 08029415, 09011538, 08031072, 09017534, 09017534, 09030996, 06005060, 07023111, 05003717, 03020112, 06008184, 07029798, 08033993, 08033993, 03028589, 08017342
Changing lanes	08031072
Turning right	03028589
Slowing	08029415, 03020112
Stopped in traffic	09011538, 07023111

## 1.26 Vehicle Turning Movement

Characterization of multiple vehicle accidents where any involved vehicle was performing a turning maneuver prior to impact. Any left turn maneuver or U-turn maneuver will take precedence over any right turn maneuver. For example, if Vehicle 1 made a left turn and Vehicle 2 made a right turn, then this data item will be classified as a left turn accident. Even though the first level of this data element is labeled Left turn, the left turn category also includes U-turn accidents.

**Table 50. Vehicle Turning Movement**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Right turn	0	1	0	0	0	0	0	0	1	6	3
No-turn	0	1	0	1	2	3	5	3	15	94	83
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 51. Vehicle Turning Movement (Accident Case Identifier)**

Description	Accident Case Identifier
Right turn	03028589
No-turn	08008604, 07025446, 08029415, 09011538, 08031072, 09017534, 09030996, 06005060, 07023111, 05003717, 03020112, 06008184, 07029798, 08033993, 08017342

## 1.27 Weather Condition

The main prevailing atmospheric conditions that existed at the time of the accident.

**Table 52. Weather Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Clear	0	1	0	1	1	3	2	3	11	69	60
Cloudy	0	1	0	0	0	0	2	0	3	19	19
Rain	0	0	0	0	1	0	0	0	1	6	9
Snow	0	0	0	0	0	0	1	0	1	6	10
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 53. Weather Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Clear	08008604, 07025446, 09011538, 09017534, 09030996, 06005060, 07023111, 05003717, 07029798, 03028589, 08017342
Cloudy	08029415, 08031072, 03020112
Rain	06008184
Snow	08033993

## 1.28 Work Zone Related

Indicates whether the accident occurred in or near a construction, maintenance, or utility work zone, whether workers were actually present at the time of the accident or not. Work zone related accidents include those involving vehicles slowed or stopped because of the work zone, even if the first harmful event was before the first warning sign. MMUCC has additional subfields related to this data item that are not included in this format.

**Table 54. Work Zone Related**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	0	2	0	1	2	3	5	3	16	100	98
<b>Total Accidents</b>	0	2	0	1	2	3	5	3	16	100	100

**Table 55. Work Zone Related (Accident Case Identifier)**

Description	Accident Case Identifier
No	08008604, 07025446, 08029415, 09011538, 08031072, 09017534, 09030996, 06005060, 07023111, 05003717, 03020112, 06008184, 07029798, 08033993, 03028589, 08017342



## **2. Route US U0000004\_\_, Milepost 10.281 to 11.412**

### **Roadway Segment**

Segment ID: 38634...47816  
Internal Segment ID: S14669a  
Route Number Display Value: USU0000004\_\_  
Site Subtype: Seg/Urb; 2-lane arterial  
Start Location: 10.281  
End Location: 11.412  
GIS Identifier: 38634  
Next Roadway Segment ID: S2748a  
Previous Roadway Segment ID: S2901a  
Segment Length: 1.1310 miles  
Roadway Class Level 1: Minor arterial  
Roadway Class Level 2: Minor arterial urban  
Roadway Class Level 3: Urban two-lane  
Number of Through Lanes - Combined: 2  
Median Type Level 1: Undivided  
Median Type Level 2: Undivided  
Median Width: 0.00 feet  
Access Control: No Access Control  
Growth Factor: 1.0000  
Growth Factor Source: Defaulted  
Maximum AADT: 10,000 vehicles per day  
Two-Way vs. One-Way Operation: Two-way road or street  
Direction of Travel: Not applicable  
Direction of Increasing Mileposts or Distances: Eastbound  
Interchange Influence Area on Mainline Freeway: No  
Aggregated Segment IDs: S14669...S11816  
Number of Accidents: 47

### **Geographic Description**

Identifier: G1007  
Route Type: US route  
Route Name: U0000004\_\_  
Major Road Name: High St  
County: MERRIMACK  
District: 5  
City/Town: BOSCAWEN  
Jurisdiction: State maintained  
Area Type: Rural

**Table 56. Route US U0000004 \_\_, Milepost 10.281 to 11.412 Directional Attributes**

Direction	Number of Through Lanes	Average Lane Width	Shoulder Type - Outside	Shoulder Type - Inside	Average Shoulder Width - Outside	Average Shoulder Width - Inside	Bikeway	Comment
Direction 1	1	11.00	Paved	Paved	0.00	0.00		
Direction 2	1	11.00	Paved	Paved	0.00	0.00		

**Table 57. Route US U0000004 \_\_, Milepost 10.281 to 11.412 Annual Traffic**

Year	AADT	Heavy Vehicles	Peak or Design Volume	Volume Source	Comment
2002	10,000			Growth Factor Applied	
2003	10,000			Growth Factor Applied	
2004	10,000			Growth Factor Applied	
2005	10,000			Growth Factor Applied	
2006	10,000			Growth Factor Applied	
2007	10,000			Growth Factor Applied	
2008	10,000			Growth Factor Applied	
2009	10,000			Measured	

### 3. Accident Case Details

**Accident Details:** Accident Case ID: 08008604

#### **Accident**

Accident ID: 08008604

Internal Accident ID: A100619

Inventory Element: S14669a

Pre-Post Process Inventory Element: S3952

Location: 10.4537

GIS Identifier: 08008604

Accident Date: 2008/02/29

Accident Month: February

Accident Time of Day: 0723

Accident Date Stamp: 02/29/08 07:23:00

Accident Year: 2008

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: At driveway or driveway-related

Driveway Indicator: Yes, at driveway

Light Condition: Daylight

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Rear-end

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 3

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Friday

**Table 58. Accident 08008604 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1950/05/15	57
Vehicle 2	Westbound	Movements essentially straight ahead	Sport utility vehicle	Motor vehicle in transport	1951/07/06	56

**Accident Details:** Accident Case ID: 07025446

**Accident**

Accident ID: 07025446

Internal Accident ID: A89950

Inventory Element: S14669a

Pre-Post Process Inventory Element: S13997

Location: 10.5498

GIS Identifier: 07025446

Accident Date: 2007/09/06

Accident Month: September

Accident Time of Day: 1534

Accident Date Stamp: 09/06/07 15:34:00

Accident Year: 2007

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: Non-junction

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Other multiple-vehicle collision

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Thursday

**Table 59. Accident 07025446 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1962/03/22	45
Vehicle 2	Westbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1985/01/25	22

**Accident Details:** Accident Case ID: 08029415

**Accident**

Accident ID: 08029415

Internal Accident ID: A111759

Inventory Element: S14669a

Pre-Post Process Inventory Element: S3952

Location: 10.4248

GIS Identifier: 08029415

Accident Date: 2008/10/02

Accident Month: October

Accident Time of Day: 1501

Accident Date Stamp: 10/02/08 15:01:00

Accident Year: 2008

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: At driveway or driveway-related

Driveway Indicator: Yes, at driveway

Light Condition: Daylight

Weather Condition: Cloudy

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Rear-end

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Thursday

**Table 60. Accident 08029415 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Light truck, only four tires	Motor vehicle in transport	1985/09/29	23
Vehicle 2	Eastbound	Slowing	Passenger car	Motor vehicle in transport	1955/09/08	53

**Accident Details:** Accident Case ID: 09011538

**Accident**

Accident ID: 09011538  
 Internal Accident ID: A125837  
 Inventory Element: S14669a  
 Pre-Post Process Inventory Element: S6136  
 Location: 10.3221  
 GIS Identifier: 09011538  
 Accident Date: 2009/05/02  
 Accident Month: May  
 Accident Time of Day: 1124  
 Accident Date Stamp: 05/02/09 11:24:00  
 Accident Year: 2009  
 Accident Severity Level 1: Non-Incapacitating Injury  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 2  
 Relationship to Junction: At driveway or driveway-related  
 Driveway Indicator: Yes, at driveway  
 Light Condition: Daylight  
 Weather Condition: Clear  
 Roadway Surface Condition: Dry  
 Accident Type and Manner of Collision: Rear-end  
 Contributing Circumstances, Environment: Unknown  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 3  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown  
Run-Off Road Indicator: No  
Pedestrian Indicator: No  
Bicycle Indicator: No  
Divided Highway Flag-Side of Road: Unknown  
Vehicle Turning Movement: No-turn  
Day of Week: Saturday

**Table 61. Accident 09011538 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Movements essentially straight ahead	Light truck, only four tires	Motor vehicle in transport	1974/01/18	35
Vehicle 2	Eastbound	Stopped in traffic	Passenger car	Motor vehicle in transport	1957/06/02	51

**Accident Details:** Accident Case ID: 08031072

**Accident**

Accident ID: 08031072  
Internal Accident ID: A119474  
Inventory Element: S14669a  
Pre-Post Process Inventory Element: S14669  
Location: 10.29562  
GIS Identifier: 08031072  
Accident Date: 2008/12/04  
Accident Month: December  
Accident Time of Day: 1442  
Accident Date Stamp: 12/04/08 14:42:00  
Accident Year: 2008  
Accident Severity Level 1: Property-Damage-Only  
Number of Fatalities: 0  
Number of Non-Fatal Injuries: 0  
Relationship to Junction: Non-junction  
Driveway Indicator: No  
Light Condition: Daylight  
Weather Condition: Cloudy  
Roadway Surface Condition: Wet  
Accident Type and Manner of Collision: Other multiple-vehicle collision  
Contributing Circumstances, Environment: Unknown  
Contributing Circumstances, Road: None  
School Bus Related: Unknown

Work Zone Related: No  
 Number of Vehicles Involved: 2  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: No  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Thursday

**Table 62. Accident 08031072 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1960/02/03	48
Vehicle 2	Unknown	Changing lanes	Unknown vehicle configuration	Motor vehicle in transport	1966/12/04	42

**Accident Details:** Accident Case ID: 09017534

#### Accident

Accident ID: 09017534  
 Internal Accident ID: A133394  
 Inventory Element: S14669a  
 Pre-Post Process Inventory Element: S13997  
 Location: 10.5526  
 GIS Identifier: 09017534  
 Accident Date: 2009/07/15  
 Accident Month: July  
 Accident Time of Day: 1733  
 Accident Date Stamp: 07/15/09 17:33:00  
 Accident Year: 2009  
 Accident Severity Level 1: Property-Damage-Only  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 0  
 Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Daylight  
 Weather Condition: Clear  
 Roadway Surface Condition: Dry  
 Accident Type and Manner of Collision: Rear-end



Contributing Circumstances, Environment: None  
Contributing Circumstances, Road: None  
School Bus Related: Unknown  
Work Zone Related: No  
Number of Vehicles Involved: 2  
Alcohol/Drug Involvement: Neither alcohol nor other drugs  
Tow-Away Indicator: Unknown  
Run-Off Road Indicator: No  
Pedestrian Indicator: No  
Bicycle Indicator: No  
Divided Highway Flag-Side of Road: Unknown  
Vehicle Turning Movement: No-turn  
Day of Week: Wednesday

**Table 63. Accident 09017534 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Unknown	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1931/07/24	77
Vehicle 2	Unknown	Movements essentially straight ahead	Sport utility vehicle	Motor vehicle in transport	1986/02/10	23

**Accident Details:** Accident Case ID: 09030996

**Accident**

Accident ID: 09030996  
Internal Accident ID: A141306  
Inventory Element: S14669a  
Pre-Post Process Inventory Element: S14669  
Location: 10.2919  
GIS Identifier: 09030996  
Accident Date: 2009/12/11  
Accident Month: December  
Accident Time of Day: 2207  
Accident Date Stamp: 12/11/09 22:07:00  
Accident Year: 2009  
Accident Severity Level 1: Non-Incapacitating Injury  
Number of Fatalities: 0  
Number of Non-Fatal Injuries: 1  
Relationship to Junction: Non-junction  
Driveway Indicator: No  
Light Condition: Dark-not lighted

Weather Condition: Clear  
 Roadway Surface Condition: Dry  
 Accident Type and Manner of Collision: Collision with fixed object  
 Contributing Circumstances, Environment: None  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 1  
 Alcohol/Drug Involvement: Yes (alcohol and drugs)  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: Yes  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Friday

**Table 64. Accident 09030996 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Unknown	1986/07/26	23
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Unknown		

**Accident Details:** Accident Case ID: 06005060

#### Accident

Accident ID: 06005060  
 Internal Accident ID: A50080  
 Inventory Element: S14669a  
 Pre-Post Process Inventory Element: S6136  
 Location: 10.3003  
 GIS Identifier: 06005060  
 Accident Date: 2006/02/27  
 Accident Month: February  
 Accident Time of Day: 0711  
 Accident Date Stamp: 02/27/06 07:11:00  
 Accident Year: 2006  
 Accident Severity Level 1: Property-Damage-Only  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 0

Relationship to Junction: Non-junction  
Driveway Indicator: No  
Light Condition: Daylight  
Weather Condition: Clear  
Roadway Surface Condition: Ice/frost  
Accident Type and Manner of Collision: Collision with fixed object  
Contributing Circumstances, Environment: None  
Contributing Circumstances, Road: None  
School Bus Related: Unknown  
Work Zone Related: No  
Number of Vehicles Involved: 1  
Alcohol/Drug Involvement: Neither alcohol nor other drugs  
Tow-Away Indicator: Unknown  
Run-Off Road Indicator: Yes  
Pedestrian Indicator: No  
Bicycle Indicator: No  
Divided Highway Flag-Side of Road: Unknown  
Vehicle Turning Movement: No-turn  
Day of Week: Monday

**Table 65. Accident 06005060 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Movements essentially straight ahead	Passenger car	Guardrail face	1971/01/06	35
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Guardrail face		

**Accident Details:** Accident Case ID: 07023111

**Accident**

Accident ID: 07023111  
Internal Accident ID: A85608  
Inventory Element: S14669a  
Pre-Post Process Inventory Element: S13997  
Location: 10.5148  
GIS Identifier: 07023111  
Accident Date: 2007/08/29  
Accident Month: August  
Accident Time of Day: 1625  
Accident Date Stamp: 08/29/07 16:25:00  
Accident Year: 2007

Accident Severity Level 1: Property-Damage-Only  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 0  
 Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Daylight  
 Weather Condition: Clear  
 Roadway Surface Condition: Dry  
 Accident Type and Manner of Collision: Other multiple-vehicle collision  
 Contributing Circumstances, Environment: None  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 2  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: No  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Wednesday

**Table 66. Accident 07023111 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1985/08/02	22
Vehicle 2	Eastbound	Stopped in traffic	Passenger car	Motor vehicle in transport	1939/11/17	67

**Accident Details:** Accident Case ID: 05003717

#### Accident

Accident ID: 05003717  
 Internal Accident ID: A34440  
 Inventory Element: S14669a  
 Pre-Post Process Inventory Element: S3952  
 Location: 10.4376  
 GIS Identifier: 05003717  
 Accident Date: 2005/02/05  
 Accident Month: February

Accident Time of Day: 0838  
Accident Date Stamp: 02/05/05 08:38:00  
Accident Year: 2005  
Accident Severity Level 1: Non-Incapacitating Injury  
Number of Fatalities: 0  
Number of Non-Fatal Injuries: 1  
Relationship to Junction: Non-junction  
Driveway Indicator: No  
Light Condition: Daylight  
Weather Condition: Clear  
Roadway Surface Condition: Dry  
Accident Type and Manner of Collision: Collision with fixed object  
Contributing Circumstances, Environment: None  
Contributing Circumstances, Road: None  
School Bus Related: Unknown  
Work Zone Related: No  
Number of Vehicles Involved: 1  
Alcohol/Drug Involvement: Neither alcohol nor other drugs  
Tow-Away Indicator: Unknown  
Run-Off Road Indicator: Yes  
Pedestrian Indicator: No  
Bicycle Indicator: No  
Divided Highway Flag-Side of Road: Unknown  
Vehicle Turning Movement: No-turn  
Day of Week: Saturday

**Table 67. Accident 05003717 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Unknown	1921/01/17	84
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Unknown		

**Accident Details:** Accident Case ID: 03020112

**Accident**

Accident ID: 03020112  
Internal Accident ID: A11536  
Inventory Element: S14669a  
Pre-Post Process Inventory Element: S3952  
Location: 10.4201

GIS Identifier: 03020112  
 Accident Date: 2003/06/19  
 Accident Month: June  
 Accident Time of Day: 1720  
 Accident Date Stamp: 06/19/03 17:20:00  
 Accident Year: 2003  
 Accident Severity Level 1: Property-Damage-Only  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 0  
 Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Daylight  
 Weather Condition: Cloudy  
 Roadway Surface Condition: Dry  
 Accident Type and Manner of Collision: Other multiple-vehicle collision  
 Contributing Circumstances, Environment: None  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 2  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: No  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Thursday

**Table 68. Accident 03020112 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Light truck, only four tires	Motor vehicle in transport	1983/07/04	19
Vehicle 2	Eastbound	Slowing	Light truck, only four tires	Motor vehicle in transport	1978/02/22	25

**Accident Details:** Accident Case ID: 06008184

#### Accident

Accident ID: 06008184

Internal Accident ID: A50430

Inventory Element: S14669a  
 Pre-Post Process Inventory Element: S3952  
 Location: 10.3788  
 GIS Identifier: 06008184  
 Accident Date: 2006/05/11  
 Accident Month: May  
 Accident Time of Day: 0200  
 Accident Date Stamp: 05/11/06 02:00:00  
 Accident Year: 2006  
 Accident Severity Level 1: Property-Damage-Only  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 0  
 Relationship to Junction: Non-junction  
 Driveway Indicator: No  
 Light Condition: Dark-lighted  
 Weather Condition: Rain  
 Roadway Surface Condition: Dry  
 Accident Type and Manner of Collision: Collision with fixed object  
 Contributing Circumstances, Environment: Weather conditions  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 1  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: Yes  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Thursday

**Table 69. Accident 06008184 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Other fixed object (wall, building, tunnel, etc.)	1988/02/17	18
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Other fixed object (wall, building, tunnel, etc.)		

**Accident Details:** Accident Case ID: 07029798

**Accident**

Accident ID: 07029798

Internal Accident ID: A94212

Inventory Element: S14669a

Pre-Post Process Inventory Element: S6136

Location: 10.3288

GIS Identifier: 07029798

Accident Date: 2007/11/03

Accident Month: November

Accident Time of Day: 2010

Accident Date Stamp: 11/03/07 20:10:00

Accident Year: 2007

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: Non-junction

Driveway Indicator: No

Light Condition: Dark-lighted

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Collision with animal

Contributing Circumstances, Environment: Animal(s) in roadway

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 1

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Saturday



**Table 70. Accident 07029798 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Animal	1970/02/24	37
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Animal		

**Accident Details:** Accident Case ID: 08033993

**Accident**

Accident ID: 08033993

Internal Accident ID: A119775

Inventory Element: S14669a

Pre-Post Process Inventory Element: S3952

Location: 10.36325

GIS Identifier: 08033993

Accident Date: 2008/12/31

Accident Month: December

Accident Time of Day: 1047

Accident Date Stamp: 12/31/08 10:47:00

Accident Year: 2008

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: Non-junction

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Snow

Roadway Surface Condition: Snow

Accident Type and Manner of Collision: Other multiple-vehicle collision

Contributing Circumstances, Environment: Weather conditions

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 3

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Wednesday

**Table 71. Accident 08033993 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1987/05/02	21
Vehicle 2	Eastbound	Movements essentially straight ahead	Sport utility vehicle	Motor vehicle in transport	1958/11/20	50

**Accident Details:** Accident Case ID: 03028589

**Accident**

Accident ID: 03028589

Internal Accident ID: A10370

Inventory Element: S14669a

Pre-Post Process Inventory Element: S9042

Location: 10.58325

GIS Identifier: 03028589

Accident Date: 2003/09/15

Accident Month: September

Accident Time of Day: 1000

Accident Date Stamp: 09/15/03 10:00:00

Accident Year: 2003

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: Non-junction

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Other multiple-vehicle collision

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: Right turn

Day of Week: Monday

**Table 72. Accident 03028589 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1977/04/16	26
Vehicle 2	Westbound	Turning right	Other	Motor vehicle in transport	1950/05/29	53

**Accident Details:** Accident Case ID: 08017342

**Accident**

Accident ID: 08017342

Internal Accident ID: A109372

Inventory Element: S14669a

Pre-Post Process Inventory Element: S3952

Location: 10.36325

GIS Identifier: 08017342

Accident Date: 2008/06/24

Accident Month: June

Accident Time of Day: 1622

Accident Date Stamp: 06/24/08 16:22:00

Accident Year: 2008

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: Non-junction

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Collision with fixed object

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 1

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: Yes

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Tuesday

**Table 73. Accident 08017342 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Unknown	Movements essentially straight ahead	Light truck, only four tires	Other post, pole, or support	1977/09/04	30
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Other post, pole, or support		

*SafetyAnalyst*

**Accident Summary for Route US U0000004\_\_,  
Milepost 10.513 (Intersection 17516)**

Apr 6, 2011

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## Table of Contents

1. Accident Summary . . . . .	1
1.1 Accident Case Identifier . . . . .	1
1.2 Accident Month . . . . .	1
1.3 Accident Severity Level 1 . . . . .	2
1.4 Accident Time of Day . . . . .	2
1.5 Accident Type and Manner of Collision . . . . .	2
1.6 Alcohol/Drug Involvement . . . . .	3
1.7 Bicycle Indicator . . . . .	3
1.8 Contributing Circumstances, Environment . . . . .	4
1.9 Contributing Circumstances, Road . . . . .	4
1.10 Day of Week . . . . .	5
1.11 Divided Highway Flag-Side of Road . . . . .	5
1.12 Driver Age . . . . .	6
1.13 Driveway Indicator . . . . .	6
1.14 First Harmful Event . . . . .	7
1.15 Initial Direction of Travel . . . . .	7
1.16 Light Condition . . . . .	8
1.17 Number of Vehicles Involved . . . . .	8
1.18 Pedestrian Indicator . . . . .	9
1.19 Relationship to Junction . . . . .	9
1.20 Roadway Surface Condition . . . . .	10
1.21 Run-Off Road Indicator . . . . .	10
1.22 School Bus Related . . . . .	11
1.23 Tow-Away Indicator . . . . .	11
1.24 Vehicle Configuration . . . . .	11
1.25 Vehicle Maneuver/Action . . . . .	12
1.26 Vehicle Turning Movement . . . . .	12
1.27 Weather Condition . . . . .	13
1.28 Work Zone Related . . . . .	13
2. Route US U0000004 __, Milepost 10.513 . . . . .	15
3. Accident Case Details . . . . .	18

**List of Tables**

Table 1. Accident Case Identifier by Year . . . . .	1
Table 2. Accident Month . . . . .	1
Table 3. Accident Month (Accident Case Identifier) . . . . .	1
Table 4. Accident Severity Level 1 . . . . .	2
Table 5. Accident Severity Level 1 (Accident Case Identifier) . . . . .	2
Table 6. Accident Time of Day . . . . .	2
Table 7. Accident Time of Day (Accident Case Identifier) . . . . .	2
Table 8. Accident Type and Manner of Collision . . . . .	3
Table 9. Accident Type and Manner of Collision (Accident Case Identifier) . . . . .	3
Table 10. Alcohol/Drug Involvement . . . . .	3
Table 11. Alcohol/Drug Involvement (Accident Case Identifier) . . . . .	3
Table 12. Bicycle Indicator . . . . .	4
Table 13. Bicycle Indicator (Accident Case Identifier) . . . . .	4
Table 14. Contributing Circumstances, Environment . . . . .	4
Table 15. Contributing Circumstances, Environment (Accident Case Identifier) . . . . .	4
Table 16. Contributing Circumstances, Road . . . . .	4
Table 17. Contributing Circumstances, Road (Accident Case Identifier) . . . . .	5
Table 18. Day of Week . . . . .	5
Table 19. Day of Week (Accident Case Identifier) . . . . .	5
Table 20. Divided Highway Flag-Side of Road . . . . .	5
Table 21. Divided Highway Flag-Side of Road (Accident Case Identifier) . . . . .	6
Table 22. Driver Age in Years . . . . .	6
Table 23. Driver Age in Years (Accident Case Identifier) . . . . .	6
Table 24. Driveway Indicator . . . . .	6
Table 25. Driveway Indicator (Accident Case Identifier) . . . . .	7
Table 26. First Harmful Event . . . . .	7
Table 27. First Harmful Event (Accident Case Identifier) . . . . .	7
Table 28. Initial Direction of Travel . . . . .	7
Table 29. Initial Direction of Travel (Accident Case Identifier) . . . . .	8
Table 30. Light Condition . . . . .	8
Table 31. Light Condition (Accident Case Identifier) . . . . .	8
Table 32. Number of Vehicles Involved . . . . .	8
Table 33. Number of Vehicles Involved (Accident Case Identifier) . . . . .	9
Table 34. Pedestrian Indicator . . . . .	9
Table 35. Pedestrian Indicator (Accident Case Identifier) . . . . .	9
Table 36. Relationship to Junction . . . . .	9
Table 37. Relationship to Junction (Accident Case Identifier) . . . . .	10
Table 38. Roadway Surface Condition . . . . .	10



Table 39. Roadway Surface Condition (Accident Case Identifier) . . . . .	10
Table 40. Run-Off Road Indicator . . . . .	10
Table 41. Run-Off Road Indicator (Accident Case Identifier) . . . . .	10
Table 42. School Bus Related . . . . .	11
Table 43. School Bus Related (Accident Case Identifier) . . . . .	11
Table 44. Tow-Away Indicator . . . . .	11
Table 45. Tow-Away Indicator (Accident Case Identifier) . . . . .	11
Table 46. Vehicle Configuration . . . . .	12
Table 47. Vehicle Configuration (Accident Case Identifier) . . . . .	12
Table 48. Vehicle Maneuver/Action . . . . .	12
Table 49. Vehicle Maneuver/Action (Accident Case Identifier) . . . . .	12
Table 50. Vehicle Turning Movement . . . . .	13
Table 51. Vehicle Turning Movement (Accident Case Identifier) . . . . .	13
Table 52. Weather Condition . . . . .	13
Table 53. Weather Condition (Accident Case Identifier) . . . . .	13
Table 54. Work Zone Related . . . . .	14
Table 55. Work Zone Related (Accident Case Identifier) . . . . .	14
Table 56. Route US U0000004__, Milepost 10.513 Major Road Annual Traffic . . . . .	16
Table 57. Route US U0000004__, Milepost 10.513 Minor Road Annual Traffic . . . . .	16
Table 58. Accident 07029799 Vehicle-Level Accident Data . . . . .	19



## 1. Accident Summary

This is a summary of the accident data associated with the following Intersection from the **NH State 2009** data set, created on Apr 2, 2010 9:54 AM:

Route US U0000004 \_\_, Milepost 10.513 (Intersection 17516)

The details for this site are listed in the [next](#) section.

### Notes:

The summary includes **1 Total Accidents** spanning the dates **1/1/2002** to **12/31/2009**.

Dates excluded from the summary period due to major reconstruction: **option not selected when specifying the analysis period.**

### 1.1 Accident Case Identifier

Unique case numbers of the accidents for the site and analysis period.

**Table 1. Accident Case Identifier by Year**

Description	Accident Case Identifier
2007	<a href="#">07029799</a>

### 1.2 Accident Month

The month in which the accident occurred.

**Table 2. Accident Month**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
October	0	0	0	0	0	1	0	0	1	100	9
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 3. Accident Month (Accident Case Identifier)**

Description	Accident Case Identifier
October	<a href="#">07029799</a>

### 1.3 Accident Severity Level 1

The severity of the accident based on the most severe injury to any person involved.

**Table 4. Accident Severity Level 1**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Non-Incapacitating Injury	0	0	0	0	0	1	0	0	1	100	N/A
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	N/A

**Table 5. Accident Severity Level 1 (Accident Case Identifier)**

Description	Accident Case Identifier
Non-Incapacitating Injury	<a href="#">07029799</a>

### 1.4 Accident Time of Day

The time (hour and minute) at which the accident occurred.

**Table 6. Accident Time of Day**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
4:00 pm to 4:59 pm	0	0	0	0	0	1	0	0	1	100	N/A
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	N/A

**Table 7. Accident Time of Day (Accident Case Identifier)**

Description	Accident Case Identifier
4:00 pm to 4:59 pm	<a href="#">07029799</a>

### 1.5 Accident Type and Manner of Collision

The type of first harmful event in a single-vehicle accident or, in a multiple-vehicle collision, manner in which two vehicles in transport initially came together without regard to the direction of force, or the type of object with which a single vehicle collided.

**Table 8. Accident Type and Manner of Collision**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Other multiple-vehicle collision	0	0	0	0	0	1	0	0	1	100	67
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 9. Accident Type and Manner of Collision (Accident Case Identifier)**

Description	Accident Case Identifier
Other multiple-vehicle collision	07029799

## 1.6 Alcohol/Drug Involvement

The investigating police officer's assessment of whether alcohol or drug use was suspected or demonstrated to be present by test for any vehicle driver or non-motorist in the accident.

**Table 10. Alcohol/Drug Involvement**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Neither alcohol nor other drugs	0	0	0	0	0	1	0	0	1	100	98
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 11. Alcohol/Drug Involvement (Accident Case Identifier)**

Description	Accident Case Identifier
Neither alcohol nor other drugs	07029799

## 1.7 Bicycle Indicator

Indicates whether a bicycle was involved in the accident.

**Table 12. Bicycle Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	0	0	0	0	0	1	0	0	1	100	98
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 13. Bicycle Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	<a href="#">07029799</a>

## 1.8 Contributing Circumstances, Environment

Apparent environmental conditions which contributed to the accident.

**Table 14. Contributing Circumstances, Environment**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
None	0	0	0	0	0	1	0	0	1	100	70
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 15. Contributing Circumstances, Environment (Accident Case Identifier)**

Description	Accident Case Identifier
None	<a href="#">07029799</a>

## 1.9 Contributing Circumstances, Road

Apparent conditions of the road which contributed to the accident.

**Table 16. Contributing Circumstances, Road**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
None	0	0	0	0	0	1	0	0	1	100	95
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 17. Contributing Circumstances, Road (Accident Case Identifier)**

Description	Accident Case Identifier
None	07029799

## 1.10 Day of Week

The day of the week on which the accident occurred.

**Table 18. Day of Week**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Tuesday	0	0	0	0	0	1	0	0	1	100	16
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 19. Day of Week (Accident Case Identifier)**

Description	Accident Case Identifier
Tuesday	07029799

## 1.11 Divided Highway Flag-Side of Road

Indicates the direction of travel for the side of the divided highway where the accident occurred. Mandatory for agencies that keep independent records for the individual sides of a divided highway. Can be used for divided highway by any agency.

**Table 20. Divided Highway Flag-Side of Road**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	0	0	0	0	0	1	0	0	1	100	100
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 21. Divided Highway Flag-Side of Road (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	07029799

## 1.12 Driver Age

The value of this item is the driver age, in years, at the time of the accident. The value of this item is calculated during data set post processing.

**Table 22. Driver Age in Years**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
35 to 44	0	0	0	0	0	1	0	0	1	50	N/A
45 to 54	0	0	0	0	0	1	0	0	1	50	N/A
<b>Total Vehicles</b>	0	0	0	0	0	2	0	0	2	100	N/A

**Table 23. Driver Age in Years (Accident Case Identifier)**

Description	Accident Case Identifier
35 to 44	07029799
45 to 54	07029799

## 1.13 Driveway Indicator

Indicates if the accident occurred at or near a driveway junction.

**Table 24. Driveway Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	0	0	0	0	0	1	0	0	1	100	100
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100



**Table 25. Driveway Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	07029799

**1.14 First Harmful Event**

The first injury or damage-producing event that characterizes the accident type.

**Table 26. First Harmful Event**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Motor vehicle in transport	0	0	0	0	0	2	0	0	2	100	N/A
<b>Total Vehicles</b>	0	0	0	0	0	2	0	0	2	100	N/A

**Table 27. First Harmful Event (Accident Case Identifier)**

Description	Accident Case Identifier
Motor vehicle in transport	07029799, 07029799

**1.15 Initial Direction of Travel**

The direction of a vehicle's normal, general travel on the roadway before the accident. Notice that this is not a compass direction but a direction consistent with the designated direction of the road. For example, the direction of a state designated north-south highway must be either northbound or southbound even though a vehicle may have been traveling due east as a result of a short segment of the highway having an east-west orientation.

**Table 28. Initial Direction of Travel**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Eastbound	0	0	0	0	0	2	0	0	2	100	N/A
<b>Total Vehicles</b>	0	0	0	0	0	2	0	0	2	100	N/A

**Table 29. Initial Direction of Travel (Accident Case Identifier)**

Description	Accident Case Identifier
Eastbound	07029799, 07029799

## 1.16 Light Condition

The type/level of lighting that existed at the time of the accident.

**Table 30. Light Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Daylight	0	0	0	0	0	1	0	0	1	100	76
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 31. Light Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Daylight	07029799

## 1.17 Number of Vehicles Involved

The count of motor vehicles (e.g., automobiles, single-unit trucks, truck combinations that are in motion or on a roadway) involved in the accident.

(Note: Parked vehicles are not included in this vehicle count, nor are bicycles and pedestrians.)

**Table 32. Number of Vehicles Involved**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
More than 2 Vehicles	0	0	0	0	0	1	0	0	1	100	N/A
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	N/A

**Table 33. Number of Vehicles Involved (Accident Case Identifier)**

Description	Accident Case Identifier
More than 2 Vehicles	07029799

## 1.18 Pedestrian Indicator

Indicates whether a pedestrian was involved in the accident.

**Table 34. Pedestrian Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	0	0	0	0	0	1	0	0	1	100	98
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 35. Pedestrian Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	07029799

## 1.19 Relationship to Junction

Identifies the type of related cross street to the accident site.

Definitions vary across states. For compatibility with the structure of SafetyAnalyst, a recoding that differs from MMUCC is recommended. Some distinctions that MMUCC tries to make in this field will instead be made in site characteristics data in SafetyAnalyst.

**Table 36. Relationship to Junction**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
At intersection	0	0	0	0	0	1	0	0	1	100	76
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 37. Relationship to Junction (Accident Case Identifier)**

Description	Accident Case Identifier
At intersection	07029799

## 1.20 Roadway Surface Condition

The roadway surface condition at the time and place of the accident.

**Table 38. Roadway Surface Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Dry	0	0	0	0	0	1	0	0	1	100	75
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 39. Roadway Surface Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Dry	07029799

## 1.21 Run-Off Road Indicator

Indicates whether any vehicle involved in the accident ran off the roadway.

**Table 40. Run-Off Road Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	0	0	0	0	0	1	0	0	1	100	95
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 41. Run-Off Road Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	07029799

## 1.22 School Bus Related

Indicates if a school bus or vehicle functioning as a school bus for a school-related purpose was involved in the accident. The school bus, with or without a passenger on board, must be directly involved as a contact vehicle or indirectly involved as a non-contact vehicle.

**Table 42. School Bus Related**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	0	0	0	0	0	1	0	0	1	100	100
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 43. School Bus Related (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	07029799

## 1.23 Tow-Away Indicator

Indicates whether any vehicle involved in the accident was towed away from the scene.

**Table 44. Tow-Away Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	0	0	0	0	0	1	0	0	1	100	100
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 45. Tow-Away Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	07029799

## 1.24 Vehicle Configuration

Indicates the general configuration of the vehicle.

**Table 46. Vehicle Configuration**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Passenger car	0	0	0	0	0	2	0	0	2	100	N/A
<b>Total Vehicles</b>	0	0	0	0	0	2	0	0	2	100	N/A

**Table 47. Vehicle Configuration (Accident Case Identifier)**

Description	Accident Case Identifier
Passenger car	07029799, 07029799

## 1.25 Vehicle Maneuver/Action

The controlled maneuver that the vehicle was doing prior to the first event in the sequence of events for this vehicle.

**Table 48. Vehicle Maneuver/Action**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Slowing	0	0	0	0	0	2	0	0	2	100	N/A
<b>Total Vehicles</b>	0	0	0	0	0	2	0	0	2	100	N/A

**Table 49. Vehicle Maneuver/Action (Accident Case Identifier)**

Description	Accident Case Identifier
Slowing	07029799, 07029799

## 1.26 Vehicle Turning Movement

Characterization of multiple vehicle accidents where any involved vehicle was performing a turning maneuver prior to impact. Any left turn maneuver or U-turn maneuver will take precedence over any right turn maneuver. For example, if Vehicle 1 made a left turn and Vehicle 2 made a right turn, then this data item will be classified as a left turn accident. Even though the first level of this data element is labeled Left turn, the left turn category also includes U-turn accidents.

**Table 50. Vehicle Turning Movement**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No-turn	0	0	0	0	0	1	0	0	1	100	58
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 51. Vehicle Turning Movement (Accident Case Identifier)**

Description	Accident Case Identifier
No-turn	<a href="#">07029799</a>

## 1.27 Weather Condition

The main prevailing atmospheric conditions that existed at the time of the accident.

**Table 52. Weather Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Clear	0	0	0	0	0	1	0	0	1	100	63
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 53. Weather Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Clear	<a href="#">07029799</a>

## 1.28 Work Zone Related

Indicates whether the accident occurred in or near a construction, maintenance, or utility work zone, whether workers were actually present at the time of the accident or not. Work zone related accidents include those involving vehicles slowed or stopped because of the work zone, even if the first harmful event was before the first warning sign. MMUCC has additional subfields related to this data item that are not included in this format.

**Table 54. Work Zone Related**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	0	0	0	0	0	1	0	0	1	100	99
<b>Total Accidents</b>	0	0	0	0	0	1	0	0	1	100	100

**Table 55. Work Zone Related (Accident Case Identifier)**

Description	Accident Case Identifier
No	<a href="#">07029799</a>



## **2. Route US U0000004 \_\_, Milepost 10.513**

### **Intersection**

Intersection ID: 17516  
Internal Intersection ID: I8694  
Route Number Display Value: USU0000004 \_\_  
Site Subtype: Int/Urb; 3-leg minor-rd STOP  
Location: 10.513  
GIS Identifier: 17516  
Major Road Direction: East-West  
Minor Road Name: Flanders St  
Minor Road Location: 0.134  
Intersection Type Level 1: Tee intersection  
Intersection Type Level 2: Three-legs  
Traffic Control Type at Intersection: Stop signs on cross street only  
Growth Factor: 1.0000  
Growth Factor Source: Specified  
Maximum AADT: 10,000 vehicles per day  
Number of Accidents: 1

### **Geographic Description**

Identifier: G1728  
Route Type: US route  
Route Name: U0000004 \_\_  
Major Road Name: School St  
County: GRAFTON  
District: 2  
City/Town: ENFIELD  
Jurisdiction: State maintained  
Area Type: Urban

**Table 56. Route US U0000004 \_\_, Milepost 10.513 Major Road Annual Traffic**

Year	AADT	Volume Source	Comment
2002	10,000	Growth Factor Applied	
2003	10,000	Growth Factor Applied	
2004	10,000	Growth Factor Applied	
2005	10,000	Growth Factor Applied	
2006	10,000	Growth Factor Applied	
2007	10,000	Growth Factor Applied	
2008	10,000	Growth Factor Applied	
2009	10,000	Measured	

**Table 57. Route US U0000004 \_\_, Milepost 10.513 Minor Road Annual Traffic**

Year	AADT	Volume Source	Comment
2002	1,716	Growth Factor Applied	
2003	1,716	Growth Factor Applied	
2004	1,716	Growth Factor Applied	
2005	1,716	Growth Factor Applied	
2006	1,716	Growth Factor Applied	
2007	1,716	Growth Factor Applied	
2008	1,716	Growth Factor Applied	
2009	1,716	Measured	

#### Intersection Leg

Leg ID: 1

Type: Major road, increasing milepost direction

Leg Location: 10.513

Direction: EB approach

Thru Lanes: 1

Median Type: Unknown

Left-Turn Phasing: Unknown

Turn Prohibitions: Unknown

Operation: Unknown

#### Intersection Leg

Leg ID: 2

Type: Major road, decreasing milepost direction

Leg Location: 10.513

Direction: WB approach

Thru Lanes: 1

Median Type: Unknown

Left-Turn Phasing: Unknown

Turn Prohibitions: Unknown

Operation: Unknown

**Intersection Leg**

Leg ID: 3

Type: Minor road, increasing milepost direction

Leg Location: 0.134

Direction: NB approach

Thru Lanes: 1

Median Type: Unknown

Left-Turn Phasing: Unknown

Turn Prohibitions: Unknown

Operation: Unknown

### **3. Accident Case Details**

**Accident Details:** Accident Case ID: 07029799

**Accident**

Accident ID: 07029799

Internal Accident ID: A94330

Inventory Element: I8694

Location: 10.4886

GIS Identifier: 07029799

Accident Date: 2007/10/30

Accident Month: October

Accident Time of Day: 1641

Accident Date Stamp: 10/30/07 16:41:00

Accident Year: 2007

Accident Severity Level 1: Non-Incapacitating Injury

Number of Fatalities: 0

Number of Non-Fatal Injuries: 1

Relationship to Junction: At intersection

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Other multiple-vehicle collision

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 3

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Tuesday

**Table 58. Accident 07029799 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Slowing	Passenger car	Motor vehicle in transport	1959/03/18	48
Vehicle 2	Eastbound	Slowing	Passenger car	Motor vehicle in transport	1966/03/06	41

*SafetyAnalyst*

**Accident Summary for Route US U0000004\_\_,  
Milepost 10.297 (Intersection 71377)**

Apr 6, 2011

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## Table of Contents

1. Accident Summary . . . . .	1
1.1 Accident Case Identifier . . . . .	1
1.2 Accident Month . . . . .	1
1.3 Accident Severity Level 1 . . . . .	2
1.4 Accident Time of Day . . . . .	2
1.5 Accident Type and Manner of Collision . . . . .	3
1.6 Alcohol/Drug Involvement . . . . .	3
1.7 Bicycle Indicator . . . . .	4
1.8 Contributing Circumstances, Environment . . . . .	4
1.9 Contributing Circumstances, Road . . . . .	5
1.10 Day of Week . . . . .	5
1.11 Divided Highway Flag-Side of Road . . . . .	6
1.12 Driver Age . . . . .	7
1.13 Driveway Indicator . . . . .	7
1.14 First Harmful Event . . . . .	8
1.15 Initial Direction of Travel . . . . .	8
1.16 Light Condition . . . . .	9
1.17 Number of Vehicles Involved . . . . .	9
1.18 Pedestrian Indicator . . . . .	10
1.19 Relationship to Junction . . . . .	10
1.20 Roadway Surface Condition . . . . .	11
1.21 Run-Off Road Indicator . . . . .	11
1.22 School Bus Related . . . . .	12
1.23 Tow-Away Indicator . . . . .	12
1.24 Vehicle Configuration . . . . .	13
1.25 Vehicle Maneuver/Action . . . . .	13
1.26 Vehicle Turning Movement . . . . .	14
1.27 Weather Condition . . . . .	15
1.28 Work Zone Related . . . . .	15
2. Route US U0000004 __, Milepost 10.297 . . . . .	17
3. Accident Case Details . . . . .	20



**List of Tables**

Table 1. Accident Case Identifier by Year . . . . .	1
Table 2. Accident Month . . . . .	1
Table 3. Accident Month (Accident Case Identifier) . . . . .	2
Table 4. Accident Severity Level 1 . . . . .	2
Table 5. Accident Severity Level 1 (Accident Case Identifier) . . . . .	2
Table 6. Accident Time of Day . . . . .	2
Table 7. Accident Time of Day (Accident Case Identifier) . . . . .	3
Table 8. Accident Type and Manner of Collision . . . . .	3
Table 9. Accident Type and Manner of Collision (Accident Case Identifier) . . . . .	3
Table 10. Alcohol/Drug Involvement . . . . .	4
Table 11. Alcohol/Drug Involvement (Accident Case Identifier) . . . . .	4
Table 12. Bicycle Indicator . . . . .	4
Table 13. Bicycle Indicator (Accident Case Identifier) . . . . .	4
Table 14. Contributing Circumstances, Environment . . . . .	5
Table 15. Contributing Circumstances, Environment (Accident Case Identifier) . . . . .	5
Table 16. Contributing Circumstances, Road . . . . .	5
Table 17. Contributing Circumstances, Road (Accident Case Identifier) . . . . .	5
Table 18. Day of Week . . . . .	6
Table 19. Day of Week (Accident Case Identifier) . . . . .	6
Table 20. Divided Highway Flag-Side of Road . . . . .	6
Table 21. Divided Highway Flag-Side of Road (Accident Case Identifier) . . . . .	6
Table 22. Driver Age in Years . . . . .	7
Table 23. Driver Age in Years (Accident Case Identifier) . . . . .	7
Table 24. Driveway Indicator . . . . .	7
Table 25. Driveway Indicator (Accident Case Identifier) . . . . .	8
Table 26. First Harmful Event . . . . .	8
Table 27. First Harmful Event (Accident Case Identifier) . . . . .	8
Table 28. Initial Direction of Travel . . . . .	9
Table 29. Initial Direction of Travel (Accident Case Identifier) . . . . .	9
Table 30. Light Condition . . . . .	9
Table 31. Light Condition (Accident Case Identifier) . . . . .	9
Table 32. Number of Vehicles Involved . . . . .	10
Table 33. Number of Vehicles Involved (Accident Case Identifier) . . . . .	10
Table 34. Pedestrian Indicator . . . . .	10
Table 35. Pedestrian Indicator (Accident Case Identifier) . . . . .	10
Table 36. Relationship to Junction . . . . .	11
Table 37. Relationship to Junction (Accident Case Identifier) . . . . .	11
Table 38. Roadway Surface Condition . . . . .	11

Table 39. Roadway Surface Condition (Accident Case Identifier) . . . . .	11
Table 40. Run-Off Road Indicator . . . . .	12
Table 41. Run-Off Road Indicator (Accident Case Identifier) . . . . .	12
Table 42. School Bus Related . . . . .	12
Table 43. School Bus Related (Accident Case Identifier) . . . . .	12
Table 44. Tow-Away Indicator . . . . .	13
Table 45. Tow-Away Indicator (Accident Case Identifier) . . . . .	13
Table 46. Vehicle Configuration . . . . .	13
Table 47. Vehicle Configuration (Accident Case Identifier) . . . . .	13
Table 48. Vehicle Maneuver/Action . . . . .	14
Table 49. Vehicle Maneuver/Action (Accident Case Identifier) . . . . .	14
Table 50. Vehicle Turning Movement . . . . .	14
Table 51. Vehicle Turning Movement (Accident Case Identifier) . . . . .	15
Table 52. Weather Condition . . . . .	15
Table 53. Weather Condition (Accident Case Identifier) . . . . .	15
Table 54. Work Zone Related . . . . .	15
Table 55. Work Zone Related (Accident Case Identifier) . . . . .	16
Table 56. Route US U0000004__, Milepost 10.297 Major Road Annual Traffic . . . . .	18
Table 57. Route US U0000004__, Milepost 10.297 Minor Road Annual Traffic . . . . .	18
Table 58. Accident 06032889 Vehicle-Level Accident Data . . . . .	21
Table 59. Accident 08022252 Vehicle-Level Accident Data . . . . .	22
Table 60. Accident 08012532 Vehicle-Level Accident Data . . . . .	23
Table 61. Accident 02022501 Vehicle-Level Accident Data . . . . .	24
Table 62. Accident 05021398 Vehicle-Level Accident Data . . . . .	25



# 1. Accident Summary

This is a summary of the accident data associated with the following Intersection from the **NH State 2009** data set, created on Apr 2, 2010 9:54 AM:

Route US U0000004 \_\_, Milepost 10.297 (Intersection 71377)

The details for this site are listed in the [next](#) section.

## Notes:

The summary includes **5 Total Accidents** spanning the dates **1/1/2002** to **12/31/2009**.

Dates excluded from the summary period due to major reconstruction: **option not selected when specifying the analysis period.**

## 1.1 Accident Case Identifier

Unique case numbers of the accidents for the site and analysis period.

**Table 1. Accident Case Identifier by Year**

Description	Accident Case Identifier
2002	<a href="#">02022501</a>
2005	<a href="#">05021398</a>
2006	<a href="#">06032889</a>
2008	<a href="#">08022252, 08012532</a>

## 1.2 Accident Month

The month in which the accident occurred.

**Table 2. Accident Month**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
May	0	0	0	0	0	0	1	0	1	20	9
July	0	0	0	1	0	0	0	0	1	20	9
August	1	0	0	0	0	0	1	0	2	40	9
December	0	0	0	0	1	0	0	0	1	20	9
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 3. Accident Month (Accident Case Identifier)**

Description	Accident Case Identifier
May	08012532
July	05021398
August	08022252, 02022501
December	06032889

### 1.3 Accident Severity Level 1

The severity of the accident based on the most severe injury to any person involved.

**Table 4. Accident Severity Level 1**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Severe Injury	1	0	0	0	0	0	1	0	2	40	N/A
Property-Damage-Only	0	0	0	1	1	0	1	0	3	60	N/A
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	N/A

**Table 5. Accident Severity Level 1 (Accident Case Identifier)**

Description	Accident Case Identifier
Severe Injury	08012532, 02022501
Property-Damage-Only	06032889, 08022252, 05021398

### 1.4 Accident Time of Day

The time (hour and minute) at which the accident occurred.

**Table 6. Accident Time of Day**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
7:00 am to 7:59 am	1	0	0	0	0	0	0	0	1	20	N/A
12:00 pm to 12:59 pm	0	0	0	0	0	0	1	0	1	20	N/A
3:00 pm to 3:59 pm	0	0	0	0	0	0	1	0	1	20	N/A
5:00 pm to 5:59 pm	0	0	0	0	1	0	0	0	1	20	N/A
6:00 pm to 6:59 pm	0	0	0	1	0	0	0	0	1	20	N/A
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	N/A

**Table 7. Accident Time of Day (Accident Case Identifier)**

Description	Accident Case Identifier
7:00 am to 7:59 am	02022501
12:00 pm to 12:59 pm	08022252
3:00 pm to 3:59 pm	08012532
5:00 pm to 5:59 pm	06032889
6:00 pm to 6:59 pm	05021398

## 1.5 Accident Type and Manner of Collision

The type of first harmful event in a single-vehicle accident or, in a multiple-vehicle collision, manner in which two vehicles in transport initially came together without regard to the direction of force, or the type of object with which a single vehicle collided.

**Table 8. Accident Type and Manner of Collision**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Other single-vehicle collision	0	0	0	1	0	0	0	0	1	20	1
Rear-end	0	0	0	0	0	0	1	0	1	20	11
Other multiple-vehicle collision	1	0	0	0	1	0	1	0	3	60	67
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 9. Accident Type and Manner of Collision (Accident Case Identifier)**

Description	Accident Case Identifier
Other single-vehicle collision	05021398
Rear-end	08012532
Other multiple-vehicle collision	06032889, 08022252, 02022501

## 1.6 Alcohol/Drug Involvement

The investigating police officer's assessment of whether alcohol or drug use was suspected or demonstrated to be present by test for any vehicle driver or non-motorist in the accident.

**Table 10. Alcohol/Drug Involvement**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Neither alcohol nor other drugs	1	0	0	1	1	0	2	0	5	100	98
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 11. Alcohol/Drug Involvement (Accident Case Identifier)**

Description	Accident Case Identifier
Neither alcohol nor other drugs	06032889, 08022252, 08012532, 02022501, 05021398

## 1.7 Bicycle Indicator

Indicates whether a bicycle was involved in the accident.

**Table 12. Bicycle Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	1	0	0	1	1	0	2	0	5	100	98
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 13. Bicycle Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	06032889, 08022252, 08012532, 02022501, 05021398

## 1.8 Contributing Circumstances, Environment

Apparent environmental conditions which contributed to the accident.

**Table 14. Contributing Circumstances, Environment**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
None	0	0	0	0	1	0	2	0	3	60	70
Unknown	1	0	0	1	0	0	0	0	2	40	6
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 15. Contributing Circumstances, Environment (Accident Case Identifier)**

Description	Accident Case Identifier
None	06032889, 08022252, 08012532
Unknown	02022501, 05021398

## 1.9 Contributing Circumstances, Road

Apparent conditions of the road which contributed to the accident.

**Table 16. Contributing Circumstances, Road**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
None	1	0	0	1	1	0	2	0	5	100	95
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 17. Contributing Circumstances, Road (Accident Case Identifier)**

Description	Accident Case Identifier
None	06032889, 08022252, 08012532, 02022501, 05021398

## 1.10 Day of Week

The day of the week on which the accident occurred.



**Table 18. Day of Week**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Monday	0	0	0	0	1	0	0	0	1	20	14
Wednesday	0	0	0	0	0	0	1	0	1	20	15
Thursday	1	0	0	0	0	0	0	0	1	20	16
Friday	0	0	0	1	0	0	0	0	1	20	18
Saturday	0	0	0	0	0	0	1	0	1	20	12
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 19. Day of Week (Accident Case Identifier)**

Description	Accident Case Identifier
Monday	<a href="#">06032889</a>
Wednesday	<a href="#">08012532</a>
Thursday	<a href="#">02022501</a>
Friday	<a href="#">05021398</a>
Saturday	<a href="#">08022252</a>

## 1.11 Divided Highway Flag-Side of Road

Indicates the direction of travel for the side of the divided highway where the accident occurred. Mandatory for agencies that keep independent records for the individual sides of a divided highway. Can be used for divided highway by any agency.

**Table 20. Divided Highway Flag-Side of Road**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	1	0	0	1	1	0	2	0	5	100	100
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 21. Divided Highway Flag-Side of Road (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	<a href="#">06032889</a> , <a href="#">08022252</a> , <a href="#">08012532</a> , <a href="#">02022501</a> , <a href="#">05021398</a>

## 1.12 Driver Age

The value of this item is the driver age, in years, at the time of the accident. The value of this item is calculated during data set post processing.

**Table 22. Driver Age in Years**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Under 25	0	0	0	0	1	0	2	0	3	38	N/A
35 to 44	0	0	0	0	1	0	0	0	1	13	N/A
45 to 54	1	0	0	0	0	0	0	0	1	13	N/A
55 to 64	0	0	0	1	0	0	1	0	2	25	N/A
75 to 84	1	0	0	0	0	0	0	0	1	13	N/A
<b>Total Vehicles</b>	2	0	0	1	2	0	3	0	8	100	N/A

**Table 23. Driver Age in Years (Accident Case Identifier)**

Description	Accident Case Identifier
Under 25	<a href="#">06032889, 08022252, 08012532</a>
35 to 44	<a href="#">06032889</a>
45 to 54	<a href="#">02022501</a>
55 to 64	<a href="#">08022252, 05021398</a>
75 to 84	<a href="#">02022501</a>

## 1.13 Driveway Indicator

Indicates if the accident occurred at or near a driveway junction.

**Table 24. Driveway Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	1	0	0	1	1	0	2	0	5	100	100
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 25. Driveway Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	06032889, 08022252, 08012532, 02022501, 05021398

**1.14 First Harmful Event**

The first injury or damage-producing event that characterizes the accident type.

**Table 26. First Harmful Event**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Motor vehicle in transport	2	0	0	2	2	0	3	0	9	100	N/A
<b>Total Vehicles</b>	2	0	0	2	2	0	3	0	9	100	N/A

**Table 27. First Harmful Event (Accident Case Identifier)**

Description	Accident Case Identifier
Motor vehicle in transport	06032889, 06032889, 08022252, 08022252, 08012532, 02022501, 02022501, 05021398, 05021398

**1.15 Initial Direction of Travel**

The direction of a vehicle's normal, general travel on the roadway before the accident. Notice that this is not a compass direction but a direction consistent with the designated direction of the road. For example, the direction of a state designated north-south highway must be either northbound or southbound even though a vehicle may have been traveling due east as a result of a short segment of the highway having an east-west orientation.

**Table 28. Initial Direction of Travel**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Northbound	1	0	0	1	1	0	0	0	3	33	N/A
Eastbound	1	0	0	0	1	0	0	0	2	22	N/A
Westbound	0	0	0	0	0	0	3	0	3	33	N/A
Unknown	0	0	0	1	0	0	0	0	1	11	N/A
<b>Total Vehicles</b>	2	0	0	2	2	0	3	0	9	100	N/A

**Table 29. Initial Direction of Travel (Accident Case Identifier)**

Description	Accident Case Identifier
Northbound	06032889, 02022501, 05021398
Eastbound	06032889, 02022501
Westbound	08022252, 08022252, 08012532
Unknown	05021398

## 1.16 Light Condition

The type/level of lighting that existed at the time of the accident.

**Table 30. Light Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Daylight	1	0	0	1	0	0	2	0	4	80	76
Dark-lighted	0	0	0	0	1	0	0	0	1	20	14
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 31. Light Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Daylight	08022252, 08012532, 02022501, 05021398
Dark-lighted	06032889

## 1.17 Number of Vehicles Involved

The count of motor vehicles (e.g., automobiles, single-unit trucks, truck combinations that are in motion or on a roadway) involved in the accident.

(Note: Parked vehicles are not included in this vehicle count, nor are bicycles and pedestrians.)

**Table 32. Number of Vehicles Involved**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
1 Vehicle	0	0	0	0	0	0	1	0	1	20	N/A
2 Vehicles	1	0	0	1	1	0	1	0	4	80	N/A
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	N/A

**Table 33. Number of Vehicles Involved (Accident Case Identifier)**

Description	Accident Case Identifier
1 Vehicle	08012532
2 Vehicles	06032889, 08022252, 02022501, 05021398

## 1.18 Pedestrian Indicator

Indicates whether a pedestrian was involved in the accident.

**Table 34. Pedestrian Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	1	0	0	1	1	0	2	0	5	100	98
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 35. Pedestrian Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	06032889, 08022252, 08012532, 02022501, 05021398

## 1.19 Relationship to Junction

Identifies the type of related cross street to the accident site.

Definitions vary across states. For compatibility with the structure of SafetyAnalyst, a recoding that differs from MMUCC is recommended. Some distinctions that MMUCC tries to make in this field will instead be made in

site characteristics data in SafetyAnalyst.

**Table 36. Relationship to Junction**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
At intersection	1	0	0	1	1	0	2	0	5	100	76
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 37. Relationship to Junction (Accident Case Identifier)**

Description	Accident Case Identifier
At intersection	06032889, 08022252, 08012532, 02022501, 05021398

## 1.20 Roadway Surface Condition

The roadway surface condition at the time and place of the accident.

**Table 38. Roadway Surface Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Dry	1	0	0	1	0	0	2	0	4	80	75
Wet	0	0	0	0	1	0	0	0	1	20	17
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 39. Roadway Surface Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Dry	08022252, 08012532, 02022501, 05021398
Wet	06032889

## 1.21 Run-Off Road Indicator

Indicates whether any vehicle involved in the accident ran off the roadway.

**Table 40. Run-Off Road Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	1	0	0	1	1	0	2	0	5	100	95
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 41. Run-Off Road Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	06032889, 08022252, 08012532, 02022501, 05021398

## 1.22 School Bus Related

Indicates if a school bus or vehicle functioning as a school bus for a school-related purpose was involved in the accident. The school bus, with or without a passenger on board, must be directly involved as a contact vehicle or indirectly involved as a non-contact vehicle.

**Table 42. School Bus Related**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	1	0	0	1	1	0	2	0	5	100	100
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 43. School Bus Related (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	06032889, 08022252, 08012532, 02022501, 05021398

## 1.23 Tow-Away Indicator

Indicates whether any vehicle involved in the accident was towed away from the scene.

**Table 44. Tow-Away Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	1	0	0	1	1	0	2	0	5	100	100
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 45. Tow-Away Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	06032889, 08022252, 08012532, 02022501, 05021398

## 1.24 Vehicle Configuration

Indicates the general configuration of the vehicle.

**Table 46. Vehicle Configuration**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Passenger car	1	0	0	1	2	0	1	0	5	56	N/A
Light truck, only four tires	0	0	0	0	0	0	1	0	1	11	N/A
Sport utility vehicle	1	0	0	0	0	0	1	0	2	22	N/A
Unknown vehicle configuration	0	0	0	1	0	0	0	0	1	11	N/A
<b>Total Vehicles</b>	2	0	0	2	2	0	3	0	9	100	N/A

**Table 47. Vehicle Configuration (Accident Case Identifier)**

Description	Accident Case Identifier
Passenger car	06032889, 06032889, 08022252, 02022501, 05021398
Light truck, only four tires	08022252
Sport utility vehicle	08012532, 02022501
Unknown vehicle configuration	05021398

## 1.25 Vehicle Maneuver/Action

The controlled maneuver that the vehicle was doing prior to the first event in the sequence of events for this vehicle.



**Table 48. Vehicle Maneuver/Action**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Movements essentially straight ahead	1	0	0	0	1	0	2	0	4	44	N/A
Turning left	1	0	0	1	0	0	0	0	2	22	N/A
Entering traffic lane	0	0	0	0	1	0	0	0	1	11	N/A
Slowing	0	0	0	0	0	0	1	0	1	11	N/A
Unknown	0	0	0	1	0	0	0	0	1	11	N/A
<b>Total Vehicles</b>	2	0	0	2	2	0	3	0	9	100	N/A

**Table 49. Vehicle Maneuver/Action (Accident Case Identifier)**

Description	Accident Case Identifier
Movements essentially straight ahead	06032889, 08022252, 08012532, 02022501
Turning left	02022501, 05021398
Entering traffic lane	06032889
Slowing	08022252
Unknown	05021398

## 1.26 Vehicle Turning Movement

Characterization of multiple vehicle accidents where any involved vehicle was performing a turning maneuver prior to impact. Any left turn maneuver or U-turn maneuver will take precedence over any right turn maneuver. For example, if Vehicle 1 made a left turn and Vehicle 2 made a right turn, then this data item will be classified as a left turn accident. Even though the first level of this data element is labeled Left turn, the left turn category also includes U-turn accidents.

**Table 50. Vehicle Turning Movement**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Left turn	1	0	0	0	0	0	0	0	1	20	35
No-turn	0	0	0	1	1	0	2	0	4	80	58
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 51. Vehicle Turning Movement (Accident Case Identifier)**

Description	Accident Case Identifier
Left turn	02022501
No-turn	06032889, 08022252, 08012532, 05021398

## 1.27 Weather Condition

The main prevailing atmospheric conditions that existed at the time of the accident.

**Table 52. Weather Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Clear	1	0	0	1	1	0	2	0	5	100	63
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 53. Weather Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Clear	06032889, 08022252, 08012532, 02022501, 05021398

## 1.28 Work Zone Related

Indicates whether the accident occurred in or near a construction, maintenance, or utility work zone, whether workers were actually present at the time of the accident or not. Work zone related accidents include those involving vehicles slowed or stopped because of the work zone, even if the first harmful event was before the first warning sign. MMUCC has additional subfields related to this data item that are not included in this format.

**Table 54. Work Zone Related**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	1	0	0	1	1	0	2	0	5	100	99
<b>Total Accidents</b>	1	0	0	1	1	0	2	0	5	100	100

**Table 55. Work Zone Related (Accident Case Identifier)**

Description	Accident Case Identifier
No	06032889, 08022252, 08012532, 02022501, 05021398

## **2. Route US U0000004 \_\_, Milepost 10.297**

### **Intersection**

Intersection ID: 71377

Internal Intersection ID: I475

Route Number Display Value: USU0000004 \_\_

Site Subtype: Int/Urb; 3-leg minor-rd STOP

Location: 10.297

GIS Identifier: 71377

Major Road Direction: East-West

Minor Road Name: Flanders St

Minor Road Location: 0.0

Intersection Type Level 1: Tee intersection

Intersection Type Level 2: Three-legs

Traffic Control Type at Intersection: Stop signs on cross street only

Growth Factor: 1.0000

Growth Factor Source: Specified

Maximum AADT: 10,000 vehicles per day

Number of Accidents: 5

### **Geographic Description**

Identifier: G1431

Route Type: US route

Route Name: U0000004 \_\_

Major Road Name: US 4

County: GRAFTON

District: 2

City/Town: ENFIELD

Jurisdiction: State maintained

Area Type: Urban

**Table 56. Route US U0000004 \_\_, Milepost 10.297 Major Road Annual Traffic**

Year	AADT	Volume Source	Comment
2002	10,000	Growth Factor Applied	
2003	10,000	Growth Factor Applied	
2004	10,000	Growth Factor Applied	
2005	10,000	Growth Factor Applied	
2006	10,000	Growth Factor Applied	
2007	10,000	Growth Factor Applied	
2008	10,000	Growth Factor Applied	
2009	10,000	Measured	

**Table 57. Route US U0000004 \_\_, Milepost 10.297 Minor Road Annual Traffic**

Year	AADT	Volume Source	Comment
2002	1,716	Growth Factor Applied	
2003	1,716	Growth Factor Applied	
2004	1,716	Growth Factor Applied	
2005	1,716	Growth Factor Applied	
2006	1,716	Growth Factor Applied	
2007	1,716	Growth Factor Applied	
2008	1,716	Growth Factor Applied	
2009	1,716	Measured	

#### Intersection Leg

Leg ID: 1

Type: Major road, increasing milepost direction

Leg Location: 10.297

Direction: EB approach

Thru Lanes: 1

Median Type: Unknown

Left-Turn Phasing: Unknown

Turn Prohibitions: Unknown

Operation: Unknown

#### Intersection Leg

Leg ID: 2

Type: Major road, decreasing milepost direction

Leg Location: 10.297

Direction: WB approach

Thru Lanes: 1

Median Type: Unknown

Left-Turn Phasing: Unknown

Turn Prohibitions: Unknown

Operation: Unknown

**Intersection Leg**

Leg ID: 3

Type: Minor road, increasing milepost direction

Leg Location: 0.0

Direction: NB approach

Thru Lanes: 1

Median Type: Unknown

Left-Turn Phasing: Unknown

Turn Prohibitions: Unknown

Operation: Unknown

### 3. Accident Case Details

**Accident Details:** Accident Case ID: 06032889

**Accident**

Accident ID: 06032889

Internal Accident ID: A68336

Inventory Element: I475

Location: 10.2686

GIS Identifier: 06032889

Accident Date: 2006/12/11

Accident Month: December

Accident Time of Day: 1752

Accident Date Stamp: 12/11/06 17:52:00

Accident Year: 2006

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: At intersection

Driveway Indicator: No

Light Condition: Dark-lighted

Weather Condition: Clear

Roadway Surface Condition: Wet

Accident Type and Manner of Collision: Other multiple-vehicle collision

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Monday

**Table 58. Accident 06032889 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1986/04/09	20
Vehicle 2	Northbound	Entering traffic lane	Passenger car	Motor vehicle in transport	1966/09/13	40

**Accident Details:** Accident Case ID: 08022252

### Accident

Accident ID: 08022252

Internal Accident ID: A107874

Inventory Element: I475

Location: 10.28138

GIS Identifier: 08022252

Accident Date: 2008/08/16

Accident Month: August

Accident Time of Day: 1210

Accident Date Stamp: 08/16/08 12:10:00

Accident Year: 2008

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: At intersection

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Other multiple-vehicle collision

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Saturday



Agency Intersection Identifier: 71377

**Table 59. Accident 08022252 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Slowing	Light truck, only four tires	Motor vehicle in transport	1952/12/05	55
Vehicle 2	Westbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1988/06/27	20

**Accident Details:** Accident Case ID: 08012532**Accident**

Accident ID: 08012532

Internal Accident ID: A102028

Inventory Element: I475

Location: 10.28138

GIS Identifier: 08012532

Accident Date: 2008/05/07

Accident Month: May

Accident Time of Day: 1537

Accident Date Stamp: 05/07/08 15:37:00

Accident Year: 2008

Accident Severity Level 1: Severe Injury

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: At intersection

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Rear-end

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 1

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Wednesday

Agency Intersection Identifier: 71377

**Table 60. Accident 08012532 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Movements essentially straight ahead	Sport utility vehicle	Motor vehicle in transport	1990/03/30	18
Vehicle 2	Unknown	Stopped in traffic	Passenger car	Motor vehicle in transport	1941/05/13	66

**Accident Details:** Accident Case ID: 02022501

#### Accident

Accident ID: 02022501

Internal Accident ID: A3643

Inventory Element: I475

Location: 10.28138

GIS Identifier: 02022501

Accident Date: 2002/08/22

Accident Month: August

Accident Time of Day: 0747

Accident Date Stamp: 08/22/02 07:47:00

Accident Year: 2002

Accident Severity Level 1: Severe Injury

Number of Fatalities: 0

Number of Non-Fatal Injuries: 1

Relationship to Junction: At intersection

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Other multiple-vehicle collision

Contributing Circumstances, Environment: Unknown

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No  
Pedestrian Indicator: No  
Bicycle Indicator: No  
Divided Highway Flag-Side of Road: Unknown  
Vehicle Turning Movement: Left turn  
Day of Week: Thursday  
Agency Intersection Identifier: 71377

**Table 61. Accident 02022501 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Northbound	Turning left	Sport utility vehicle	Motor vehicle in transport	1923/01/16	79
Vehicle 2	Eastbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1952/10/19	49

**Accident Details:** Accident Case ID: 05021398

**Accident**

Accident ID: 05021398  
Internal Accident ID: A37101  
Inventory Element: I475  
Location: 10.28138  
GIS Identifier: 05021398  
Accident Date: 2005/07/01  
Accident Month: July  
Accident Time of Day: 1824  
Accident Date Stamp: 07/01/05 18:24:00  
Accident Year: 2005  
Accident Severity Level 1: Property-Damage-Only  
Number of Fatalities: 0  
Number of Non-Fatal Injuries: 1  
Relationship to Junction: At intersection  
Driveway Indicator: No  
Light Condition: Daylight  
Weather Condition: Clear  
Roadway Surface Condition: Dry  
Accident Type and Manner of Collision: Other single-vehicle collision  
Contributing Circumstances, Environment: Unknown  
Contributing Circumstances, Road: None  
School Bus Related: Unknown  
Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Friday

Agency Intersection Identifier: 71377

**Table 62. Accident 05021398 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Unknown	Unknown	Unknown vehicle configuration	Motor vehicle in transport		
Vehicle 2	Northbound	Turning left	Passenger car	Motor vehicle in transport	1946/08/20	58

*SafetyAnalyst*

**Accident Summary for Route US U0000004\_\_,  
Milepost 10.585 (Intersection 33340)**

Apr 6, 2011

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## Table of Contents

1. Accident Summary . . . . .	1
1.1 Accident Case Identifier . . . . .	1
1.2 Accident Month . . . . .	1
1.3 Accident Severity Level 1 . . . . .	2
1.4 Accident Time of Day . . . . .	3
1.5 Accident Type and Manner of Collision . . . . .	3
1.6 Alcohol/Drug Involvement . . . . .	4
1.7 Bicycle Indicator . . . . .	5
1.8 Contributing Circumstances, Environment . . . . .	5
1.9 Contributing Circumstances, Road . . . . .	6
1.10 Day of Week . . . . .	6
1.11 Divided Highway Flag-Side of Road . . . . .	7
1.12 Driver Age . . . . .	8
1.13 Driveway Indicator . . . . .	8
1.14 First Harmful Event . . . . .	9
1.15 Initial Direction of Travel . . . . .	10
1.16 Light Condition . . . . .	10
1.17 Number of Vehicles Involved . . . . .	11
1.18 Pedestrian Indicator . . . . .	11
1.19 Relationship to Junction . . . . .	12
1.20 Roadway Surface Condition . . . . .	13
1.21 Run-Off Road Indicator . . . . .	13
1.22 School Bus Related . . . . .	14
1.23 Tow-Away Indicator . . . . .	14
1.24 Vehicle Configuration . . . . .	15
1.25 Vehicle Maneuver/Action . . . . .	15
1.26 Vehicle Turning Movement . . . . .	16
1.27 Weather Condition . . . . .	17
1.28 Work Zone Related . . . . .	17
2. Route US U0000004 __, Milepost 10.585 . . . . .	19
3. Accident Case Details . . . . .	22

## List of Tables

Table 1. Accident Case Identifier by Year . . . . .	1
Table 2. Accident Month . . . . .	2
Table 3. Accident Month (Accident Case Identifier) . . . . .	2
Table 4. Accident Severity Level 1 . . . . .	2
Table 5. Accident Severity Level 1 (Accident Case Identifier) . . . . .	3
Table 6. Accident Time of Day . . . . .	3
Table 7. Accident Time of Day (Accident Case Identifier) . . . . .	3
Table 8. Accident Type and Manner of Collision . . . . .	4
Table 9. Accident Type and Manner of Collision (Accident Case Identifier) . . . . .	4
Table 10. Alcohol/Drug Involvement . . . . .	4
Table 11. Alcohol/Drug Involvement (Accident Case Identifier) . . . . .	4
Table 12. Bicycle Indicator . . . . .	5
Table 13. Bicycle Indicator (Accident Case Identifier) . . . . .	5
Table 14. Contributing Circumstances, Environment . . . . .	5
Table 15. Contributing Circumstances, Environment (Accident Case Identifier) . . . . .	6
Table 16. Contributing Circumstances, Road . . . . .	6
Table 17. Contributing Circumstances, Road (Accident Case Identifier) . . . . .	6
Table 18. Day of Week . . . . .	7
Table 19. Day of Week (Accident Case Identifier) . . . . .	7
Table 20. Divided Highway Flag-Side of Road . . . . .	7
Table 21. Divided Highway Flag-Side of Road (Accident Case Identifier) . . . . .	8
Table 22. Driver Age in Years . . . . .	8
Table 23. Driver Age in Years (Accident Case Identifier) . . . . .	8
Table 24. Driveway Indicator . . . . .	9
Table 25. Driveway Indicator (Accident Case Identifier) . . . . .	9
Table 26. First Harmful Event . . . . .	9
Table 27. First Harmful Event (Accident Case Identifier) . . . . .	9
Table 28. Initial Direction of Travel . . . . .	10
Table 29. Initial Direction of Travel (Accident Case Identifier) . . . . .	10
Table 30. Light Condition . . . . .	11
Table 31. Light Condition (Accident Case Identifier) . . . . .	11
Table 32. Number of Vehicles Involved . . . . .	11
Table 33. Number of Vehicles Involved (Accident Case Identifier) . . . . .	11
Table 34. Pedestrian Indicator . . . . .	12
Table 35. Pedestrian Indicator (Accident Case Identifier) . . . . .	12
Table 36. Relationship to Junction . . . . .	12
Table 37. Relationship to Junction (Accident Case Identifier) . . . . .	12
Table 38. Roadway Surface Condition . . . . .	13



Table 39. Roadway Surface Condition (Accident Case Identifier) . . . . .	13
Table 40. Run-Off Road Indicator . . . . .	13
Table 41. Run-Off Road Indicator (Accident Case Identifier) . . . . .	13
Table 42. School Bus Related . . . . .	14
Table 43. School Bus Related (Accident Case Identifier) . . . . .	14
Table 44. Tow-Away Indicator . . . . .	14
Table 45. Tow-Away Indicator (Accident Case Identifier) . . . . .	15
Table 46. Vehicle Configuration . . . . .	15
Table 47. Vehicle Configuration (Accident Case Identifier) . . . . .	15
Table 48. Vehicle Maneuver/Action . . . . .	16
Table 49. Vehicle Maneuver/Action (Accident Case Identifier) . . . . .	16
Table 50. Vehicle Turning Movement . . . . .	16
Table 51. Vehicle Turning Movement (Accident Case Identifier) . . . . .	17
Table 52. Weather Condition . . . . .	17
Table 53. Weather Condition (Accident Case Identifier) . . . . .	17
Table 54. Work Zone Related . . . . .	18
Table 55. Work Zone Related (Accident Case Identifier) . . . . .	18
Table 56. Route US U0000004 __, Milepost 10.585 Major Road Annual Traffic . . . . .	20
Table 57. Route US U0000004 __, Milepost 10.585 Minor Road Annual Traffic . . . . .	20
Table 58. Accident 04021955 Vehicle-Level Accident Data . . . . .	23
Table 59. Accident 09020571 Vehicle-Level Accident Data . . . . .	24
Table 60. Accident 04029690 Vehicle-Level Accident Data . . . . .	25
Table 61. Accident 07007687 Vehicle-Level Accident Data . . . . .	26
Table 62. Accident 08010328 Vehicle-Level Accident Data . . . . .	27
Table 63. Accident 08022249 Vehicle-Level Accident Data . . . . .	28
Table 64. Accident 06006006 Vehicle-Level Accident Data . . . . .	29
Table 65. Accident 03040571 Vehicle-Level Accident Data . . . . .	30
Table 66. Accident 06014399 Vehicle-Level Accident Data . . . . .	31
Table 67. Accident 02010744 Vehicle-Level Accident Data . . . . .	32
Table 68. Accident 04029694 Vehicle-Level Accident Data . . . . .	33



## 1. Accident Summary

This is a summary of the accident data associated with the following Intersection from the **NH State 2009** data set, created on Apr 2, 2010 9:54 AM:

Route US U0000004 \_\_, Milepost 10.585 (Intersection 33340)

The details for this site are listed in the [next](#) section.

### Notes:

The summary includes **11 Total Accidents** spanning the dates **1/1/2002** to **12/31/2009**.

Dates excluded from the summary period due to major reconstruction: **option not selected when specifying the analysis period.**

### 1.1 Accident Case Identifier

Unique case numbers of the accidents for the site and analysis period.

**Table 1. Accident Case Identifier by Year**

Description	Accident Case Identifier
2002	<a href="#">02010744</a>
2003	<a href="#">03040571</a>
2004	<a href="#">04021955</a> , <a href="#">04029690</a> , <a href="#">04029694</a>
2006	<a href="#">06006006</a> , <a href="#">06014399</a>
2007	<a href="#">07007687</a>
2008	<a href="#">08010328</a> , <a href="#">08022249</a>
2009	<a href="#">09020571</a>

### 1.2 Accident Month

The month in which the accident occurred.

**Table 2. Accident Month**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
January	0	0	0	0	1	0	0	0	1	9	9
March	0	0	0	0	0	1	0	0	1	9	8
April	1	0	0	0	0	0	1	0	2	18	7
June	0	0	0	0	1	0	0	0	1	9	9
August	0	0	1	0	0	0	1	1	3	27	8
September	0	0	2	0	0	0	0	0	2	18	9
December	0	1	0	0	0	0	0	0	1	9	9
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 3. Accident Month (Accident Case Identifier)**

Description	Accident Case Identifier
January	06006006
March	07007687
April	08010328, 02010744
June	06014399
August	04021955, 09020571, 08022249
September	04029690, 04029694
December	03040571

### 1.3 Accident Severity Level 1

The severity of the accident based on the most severe injury to any person involved.

**Table 4. Accident Severity Level 1**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Severe Injury	1	0	0	0	1	0	0	1	3	27	N/A
Non-Incapacitating Injury	0	0	1	0	0	0	1	0	2	18	N/A
Possible Injury	0	0	1	0	1	0	0	0	2	18	N/A
Property-Damage-Only	0	1	1	0	0	1	1	0	4	36	N/A
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	N/A

**Table 5. Accident Severity Level 1 (Accident Case Identifier)**

Description	Accident Case Identifier
Severe Injury	09020571, 06014399, 02010744
Non-Incapacitating Injury	08022249, 04029694
Possible Injury	04029690, 06006006
Property-Damage-Only	04021955, 07007687, 08010328, 03040571

## 1.4 Accident Time of Day

The time (hour and minute) at which the accident occurred.

**Table 6. Accident Time of Day**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
12:00 am to 12:59 am	0	1	0	0	0	0	0	0	1	9	N/A
9:00 am to 9:59 am	0	0	0	0	0	0	1	0	1	9	N/A
11:00 am to 11:59 am	0	0	0	0	0	1	1	1	3	27	N/A
12:00 pm to 12:59 pm	1	0	0	0	0	0	0	0	1	9	N/A
1:00 pm to 1:59 pm	0	0	1	0	0	0	0	0	1	9	N/A
3:00 pm to 3:59 pm	0	0	1	0	2	0	0	0	3	27	N/A
4:00 pm to 4:59 pm	0	0	1	0	0	0	0	0	1	9	N/A
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	N/A

**Table 7. Accident Time of Day (Accident Case Identifier)**

Description	Accident Case Identifier
12:00 am to 12:59 am	03040571
9:00 am to 9:59 am	08022249
11:00 am to 11:59 am	09020571, 07007687, 08010328
12:00 pm to 12:59 pm	02010744
1:00 pm to 1:59 pm	04029690
3:00 pm to 3:59 pm	04021955, 06006006, 06014399
4:00 pm to 4:59 pm	04029694

## 1.5 Accident Type and Manner of Collision

The type of first harmful event in a single-vehicle accident or, in a multiple-vehicle collision, manner in which two vehicles in transport initially came together without regard to the direction of force, or the type of object with which a single vehicle collided.

**Table 8. Accident Type and Manner of Collision**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Collision with bicyclist	0	0	0	0	0	0	0	1	1	9	1
Other single-vehicle non-collision	0	0	0	0	1	0	0	0	1	9	1
Rear-end	0	1	0	0	0	0	1	0	2	18	8
Other multiple-vehicle collision	1	0	3	0	1	1	1	0	7	64	65
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 9. Accident Type and Manner of Collision (Accident Case Identifier)**

Description	Accident Case Identifier
Collision with bicyclist	09020571
Other single-vehicle non-collision	06014399
Rear-end	08010328, 03040571
Other multiple-vehicle collision	04021955, 04029690, 07007687, 08022249, 06006006, 02010744, 04029694

## 1.6 Alcohol/Drug Involvement

The investigating police officer's assessment of whether alcohol or drug use was suspected or demonstrated to be present by test for any vehicle driver or non-motorist in the accident.

**Table 10. Alcohol/Drug Involvement**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Neither alcohol nor other drugs	1	1	3	0	2	1	2	1	11	100	98
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 11. Alcohol/Drug Involvement (Accident Case Identifier)**

Description	Accident Case Identifier
Neither alcohol nor other drugs	04021955, 09020571, 04029690, 07007687, 08010328, 08022249, 06006006, 03040571, 06014399, 02010744, 04029694

## 1.7 Bicycle Indicator

Indicates whether a bicycle was involved in the accident.

**Table 12. Bicycle Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Yes	0	0	0	0	0	0	0	1	1	9	1
No	1	1	3	0	2	1	2	0	10	91	99
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 13. Bicycle Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
Yes	09020571
No	04021955, 04029690, 07007687, 08010328, 08022249, 06006006, 03040571, 06014399, 02010744, 04029694

## 1.8 Contributing Circumstances, Environment

Apparent environmental conditions which contributed to the accident.

**Table 14. Contributing Circumstances, Environment**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
None	0	0	3	0	1	1	1	1	7	64	72
Weather conditions	0	1	0	0	1	0	0	0	2	18	14
Unknown	1	0	0	0	0	0	1	0	2	18	5
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 15. Contributing Circumstances, Environment (Accident Case Identifier)**

Description	Accident Case Identifier
None	04021955, 09020571, 04029690, 07007687, 08022249, 06014399, 04029694
Weather conditions	06006006, 03040571
Unknown	08010328, 02010744

## 1.9 Contributing Circumstances, Road

Apparent conditions of the road which contributed to the accident.

**Table 16. Contributing Circumstances, Road**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
None	1	0	3	0	1	1	2	1	9	82	95
Road surface condition (wet, icy, snow, slush, etc.)	0	1	0	0	1	0	0	0	2	18	2
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 17. Contributing Circumstances, Road (Accident Case Identifier)**

Description	Accident Case Identifier
None	04021955, 09020571, 04029690, 07007687, 08010328, 08022249, 06014399, 02010744, 04029694
Road surface condition (wet, icy, snow, slush, etc.)	06006006, 03040571

## 1.10 Day of Week

The day of the week on which the accident occurred.



**Table 18. Day of Week**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Sunday	0	1	0	0	0	0	0	0	1	9	8
Monday	1	0	0	0	1	0	0	0	2	18	14
Wednesday	0	0	2	0	0	0	0	0	2	18	16
Thursday	0	0	0	0	0	1	0	1	2	18	15
Friday	0	0	0	0	1	0	1	0	2	18	18
Saturday	0	0	1	0	0	0	1	0	2	18	13
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 19. Day of Week (Accident Case Identifier)**

Description	Accident Case Identifier
Sunday	03040571
Monday	06006006, 02010744
Wednesday	04021955, 04029690
Thursday	09020571, 07007687
Friday	08022249, 06014399
Saturday	08010328, 04029694

## 1.11 Divided Highway Flag-Side of Road

Indicates the direction of travel for the side of the divided highway where the accident occurred. Mandatory for agencies that keep independent records for the individual sides of a divided highway. Can be used for divided highway by any agency.

**Table 20. Divided Highway Flag-Side of Road**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	1	1	3	0	2	1	2	1	11	100	100
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 21. Divided Highway Flag-Side of Road (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	04021955, 09020571, 04029690, 07007687, 08010328, 08022249, 06006006, 03040571, 06014399, 02010744, 04029694

## 1.12 Driver Age

The value of this item is the driver age, in years, at the time of the accident. The value of this item is calculated during data set post processing.

**Table 22. Driver Age in Years**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Under 25	0	1	1	0	0	0	0	0	2	9	N/A
25 to 34	0	1	1	0	0	0	1	0	3	14	N/A
35 to 44	2	0	0	0	0	0	2	0	4	18	N/A
45 to 54	0	0	1	0	1	1	0	2	5	23	N/A
55 to 64	0	0	2	0	3	0	0	0	5	23	N/A
65 to 74	0	0	1	0	0	1	1	0	3	14	N/A
<b>Total Vehicles</b>	2	2	6	0	4	2	4	2	22	100	N/A

**Table 23. Driver Age in Years (Accident Case Identifier)**

Description	Accident Case Identifier
Under 25	03040571, 04029694
25 to 34	08010328, 03040571, 04029694
35 to 44	08010328, 08022249, 02010744, 02010744
45 to 54	09020571, 09020571, 04029690, 07007687, 06006006
55 to 64	04021955, 04029690, 06006006, 06014399, 06014399
65 to 74	04021955, 07007687, 08022249

## 1.13 Driveway Indicator

Indicates if the accident occurred at or near a driveway junction.

**Table 24. Driveway Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	1	1	3	0	2	1	2	1	11	100	100
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 25. Driveway Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	04021955, 09020571, 04029690, 07007687, 08010328, 08022249, 06006006, 03040571, 06014399, 02010744, 04029694

## 1.14 First Harmful Event

The first injury or damage-producing event that characterizes the accident type.

**Table 26. First Harmful Event**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Bicyclist	0	0	0	0	0	0	0	2	2	9	N/A
Motor vehicle in transport	2	2	6	0	2	2	4	0	18	82	N/A
Unknown	0	0	0	0	2	0	0	0	2	9	N/A
<b>Total Vehicles</b>	2	2	6	0	4	2	4	2	22	100	N/A

**Table 27. First Harmful Event (Accident Case Identifier)**

Description	Accident Case Identifier
Bicyclist	09020571, 09020571
Motor vehicle in transport	04021955, 04021955, 04029690, 04029690, 07007687, 07007687, 08010328, 08010328, 08022249, 08022249, 06006006, 06006006, 03040571, 03040571, 02010744, 02010744, 04029694, 04029694
Unknown	06014399, 06014399

## 1.15 Initial Direction of Travel

The direction of a vehicle's normal, general travel on the roadway before the accident. Notice that this is not a compass direction but a direction consistent with the designated direction of the road. For example, the direction of a state designated north-south highway must be either northbound or southbound even though a vehicle may have been traveling due east as a result of a short segment of the highway having an east-west orientation.

**Table 28. Initial Direction of Travel**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Northbound	0	0	2	0	0	1	1	0	4	18	N/A
Southbound	0	0	0	0	2	0	0	0	2	9	N/A
Eastbound	1	0	2	0	1	1	3	0	8	36	N/A
Westbound	1	0	2	0	1	0	0	1	5	23	N/A
Unknown	0	2	0	0	0	0	0	1	3	14	N/A
<b>Total Vehicles</b>	2	2	6	0	4	2	4	2	22	100	N/A

**Table 29. Initial Direction of Travel (Accident Case Identifier)**

Description	Accident Case Identifier
Northbound	04021955, 04021955, 07007687, 08022249
Southbound	06006006, 06014399
Eastbound	04029690, 04029690, 07007687, 08010328, 08010328, 08022249, 06014399, 02010744
Westbound	09020571, 06006006, 02010744, 04029694, 04029694
Unknown	09020571, 03040571, 03040571

## 1.16 Light Condition

The type/level of lighting that existed at the time of the accident.

**Table 30. Light Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Daylight	1	0	3	0	1	1	2	1	9	82	76
Unknown	0	1	0	0	1	0	0	0	2	18	3
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 31. Light Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Daylight	04021955, 09020571, 04029690, 07007687, 08010328, 08022249, 06014399, 02010744, 04029694
Unknown	06006006, 03040571

## 1.17 Number of Vehicles Involved

The count of motor vehicles (e.g., automobiles, single-unit trucks, truck combinations that are in motion or on a roadway) involved in the accident.

(Note: Parked vehicles are not included in this vehicle count, nor are bicycles and pedestrians.)

**Table 32. Number of Vehicles Involved**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
2 Vehicles	1	1	3	0	2	1	2	1	11	100	N/A
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	N/A

**Table 33. Number of Vehicles Involved (Accident Case Identifier)**

Description	Accident Case Identifier
2 Vehicles	04021955, 09020571, 04029690, 07007687, 08010328, 08022249, 06006006, 03040571, 06014399, 02010744, 04029694

## 1.18 Pedestrian Indicator

Indicates whether a pedestrian was involved in the accident.

**Table 34. Pedestrian Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	1	1	3	0	2	1	2	1	11	100	99
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 35. Pedestrian Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	04021955, 09020571, 04029690, 07007687, 08010328, 08022249, 06006006, 03040571, 06014399, 02010744, 04029694

## 1.19 Relationship to Junction

Identifies the type of related cross street to the accident site.

Definitions vary across states. For compatibility with the structure of SafetyAnalyst, a recoding that differs from MMUCC is recommended. Some distinctions that MMUCC tries to make in this field will instead be made in site characteristics data in SafetyAnalyst.

**Table 36. Relationship to Junction**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
At intersection	0	1	2	0	2	1	2	0	8	73	82
Intersection-related	1	0	1	0	0	0	0	1	3	27	18
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 37. Relationship to Junction (Accident Case Identifier)**

Description	Accident Case Identifier
At intersection	04029690, 07007687, 08010328, 08022249, 06006006, 03040571, 06014399, 04029694
Intersection-related	04021955, 09020571, 02010744

## 1.20 Roadway Surface Condition

The roadway surface condition at the time and place of the accident.

**Table 38. Roadway Surface Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Dry	1	0	3	0	1	1	2	1	9	82	76
Snow	0	1	0	0	1	0	0	0	2	18	5
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 39. Roadway Surface Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Dry	04021955, 09020571, 04029690, 07007687, 08010328, 08022249, 06014399, 02010744, 04029694
Snow	06006006, 03040571

## 1.21 Run-Off Road Indicator

Indicates whether any vehicle involved in the accident ran off the roadway.

**Table 40. Run-Off Road Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	1	1	3	0	2	1	2	1	11	100	97
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 41. Run-Off Road Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
No	04021955, 09020571, 04029690, 07007687, 08010328, 08022249, 06006006, 03040571, 06014399, 02010744, 04029694

## 1.22 School Bus Related

Indicates if a school bus or vehicle functioning as a school bus for a school-related purpose was involved in the accident. The school bus, with or without a passenger on board, must be directly involved as a contact vehicle or indirectly involved as a non-contact vehicle.

**Table 42. School Bus Related**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	1	1	3	0	2	1	2	1	11	100	100
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 43. School Bus Related (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	04021955, 09020571, 04029690, 07007687, 08010328, 08022249, 06006006, 03040571, 06014399, 02010744, 04029694

## 1.23 Tow-Away Indicator

Indicates whether any vehicle involved in the accident was towed away from the scene.

**Table 44. Tow-Away Indicator**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Unknown	1	1	3	0	2	1	2	1	11	100	100
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100



**Table 45. Tow-Away Indicator (Accident Case Identifier)**

Description	Accident Case Identifier
Unknown	04021955, 09020571, 04029690, 07007687, 08010328, 08022249, 06006006, 03040571, 06014399, 02010744, 04029694

## 1.24 Vehicle Configuration

Indicates the general configuration of the vehicle.

**Table 46. Vehicle Configuration**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Passenger car	2	1	4	0	1	1	3	0	12	55	N/A
Light truck, only four tires	0	0	0	0	1	1	0	0	2	9	N/A
Sport utility vehicle	0	1	2	0	0	0	1	1	5	23	N/A
Motorcycle/Moped	0	0	0	0	1	0	0	0	1	5	N/A
Unknown vehicle configuration	0	0	0	0	1	0	0	1	2	9	N/A
<b>Total Vehicles</b>	2	2	6	0	4	2	4	2	22	100	N/A

**Table 47. Vehicle Configuration (Accident Case Identifier)**

Description	Accident Case Identifier
Passenger car	04021955, 04021955, 04029690, 04029690, 07007687, 08010328, 08022249, 08022249, 06006006, 03040571, 02010744, 02010744
Light truck, only four tires	07007687, 06014399
Sport utility vehicle	09020571, 08010328, 03040571, 04029694, 04029694
Motorcycle/Moped	06014399
Unknown vehicle configuration	09020571, 06006006

## 1.25 Vehicle Maneuver/Action

The controlled maneuver that the vehicle was doing prior to the first event in the sequence of events for this vehicle.

**Table 48. Vehicle Maneuver/Action**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Movements essentially straight ahead	1	0	3	0	1	2	3	0	10	45	N/A
Turning left	0	0	1	0	0	0	0	0	1	5	N/A
Entering traffic lane	0	0	0	0	1	0	1	1	3	14	N/A
Slowing	0	1	0	0	2	0	0	0	3	14	N/A
Stopped in traffic	1	1	2	0	0	0	0	0	4	18	N/A
Unknown	0	0	0	0	0	0	0	1	1	5	N/A
<b>Total Vehicles</b>	2	2	6	0	4	2	4	2	22	100	N/A

**Table 49. Vehicle Maneuver/Action (Accident Case Identifier)**

Description	Accident Case Identifier
Movements essentially straight ahead	04029690, 07007687, 07007687, 08010328, 08010328, 08022249, 06006006, 02010744, 04029694, 04029694
Turning left	04029690
Entering traffic lane	09020571, 08022249, 06014399
Slowing	06006006, 03040571, 06014399
Stopped in traffic	04021955, 04021955, 03040571, 02010744
Unknown	09020571

## 1.26 Vehicle Turning Movement

Characterization of multiple vehicle accidents where any involved vehicle was performing a turning maneuver prior to impact. Any left turn maneuver or U-turn maneuver will take precedence over any right turn maneuver. For example, if Vehicle 1 made a left turn and Vehicle 2 made a right turn, then this data item will be classified as a left turn accident. Even though the first level of this data element is labeled Left turn, the left turn category also includes U-turn accidents.

**Table 50. Vehicle Turning Movement**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Left turn	0	0	1	0	0	0	0	0	1	9	26
No-turn	1	1	2	0	2	1	2	1	10	91	67
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 51. Vehicle Turning Movement (Accident Case Identifier)**

Description	Accident Case Identifier
Left turn	04029690
No-turn	04021955, 09020571, 07007687, 08010328, 08022249, 06006006, 03040571, 06014399, 02010744, 04029694

## 1.27 Weather Condition

The main prevailing atmospheric conditions that existed at the time of the accident.

**Table 52. Weather Condition**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
Clear	1	0	2	0	0	1	1	1	6	55	63
Cloudy	0	0	1	0	1	0	1	0	3	27	23
Snow	0	1	0	0	1	0	0	0	2	18	4
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 53. Weather Condition (Accident Case Identifier)**

Description	Accident Case Identifier
Clear	04021955, 09020571, 04029690, 07007687, 08022249, 02010744
Cloudy	08010328, 06014399, 04029694
Snow	06006006, 03040571

## 1.28 Work Zone Related

Indicates whether the accident occurred in or near a construction, maintenance, or utility work zone, whether workers were actually present at the time of the accident or not. Work zone related accidents include those involving vehicles slowed or stopped because of the work zone, even if the first harmful event was before the first warning sign. MMUCC has additional subfields related to this data item that are not included in this format.

**Table 54. Work Zone Related**

Description	2002	2003	2004	2005	2006	2007	2008	2009	Total	Observed Percent	Average Percent
No	1	1	3	0	2	1	2	1	11	100	98
<b>Total Accidents</b>	1	1	3	0	2	1	2	1	11	100	100

**Table 55. Work Zone Related (Accident Case Identifier)**

Description	Accident Case Identifier
No	04021955, 09020571, 04029690, 07007687, 08010328, 08022249, 06006006, 03040571, 06014399, 02010744, 04029694

## **2. Route US U0000004 \_\_, Milepost 10.585**

### **Intersection**

Intersection ID: 33340

Internal Intersection ID: I277

Route Number Display Value: USU0000004 \_\_

Site Subtype: Int/Urb; 4-leg minor-rd STOP

Location: 10.585

GIS Identifier: 33340

Major Road Direction: East-West

Minor Road Name: Main St

Minor Road Location: 1.254

Intersection Type Level 1: Four-leg intersection

Intersection Type Level 2: Four-legs

Traffic Control Type at Intersection: Stop signs on cross street only

Growth Factor: 1.0000

Growth Factor Source: Specified

Maximum AADT: 10,000 vehicles per day

Number of Accidents: 11

### **Geographic Description**

Identifier: G1728

Route Type: US route

Route Name: U0000004 \_\_

Major Road Name: School St

County: GRAFTON

District: 2

City/Town: ENFIELD

Jurisdiction: State maintained

Area Type: Urban

**Table 56. Route US U0000004 \_\_, Milepost 10.585 Major Road Annual Traffic**

Year	AADT	Volume Source	Comment
2002	10,000	Growth Factor Applied	
2003	10,000	Growth Factor Applied	
2004	10,000	Growth Factor Applied	
2005	10,000	Growth Factor Applied	
2006	10,000	Growth Factor Applied	
2007	10,000	Growth Factor Applied	
2008	10,000	Growth Factor Applied	
2009	10,000	Measured	

**Table 57. Route US U0000004 \_\_, Milepost 10.585 Minor Road Annual Traffic**

Year	AADT	Volume Source	Comment
2002	1,415	Growth Factor Applied	
2003	1,415	Growth Factor Applied	
2004	1,415	Growth Factor Applied	
2005	1,415	Growth Factor Applied	
2006	1,415	Growth Factor Applied	
2007	1,415	Growth Factor Applied	
2008	1,415	Growth Factor Applied	
2009	1,415	Measured	

#### Intersection Leg

Leg ID: 1

Type: Major road, increasing milepost direction

Leg Location: 10.585

Direction: EB approach

Thru Lanes: 1

Median Type: Unknown

Left-Turn Phasing: Unknown

Turn Prohibitions: Unknown

Operation: Unknown

#### Intersection Leg

Leg ID: 2

Type: Major road, decreasing milepost direction

Leg Location: 10.585

Direction: WB approach

Thru Lanes: 1

Median Type: Unknown

Left-Turn Phasing: Unknown

Turn Prohibitions: Unknown

Operation: Unknown

**Intersection Leg**

Leg ID: 3

Type: Minor road, increasing milepost direction

Leg Location: 1.254

Direction: NB approach

Thru Lanes: 1

Median Type: Unknown

Left-Turn Phasing: Unknown

Turn Prohibitions: Unknown

Operation: Unknown

**Intersection Leg**

Leg ID: 4

Type: Minor road, decreasing milepost direction

Leg Location: 1.254

Direction: SB approach

Thru Lanes: 1

Median Type: Unknown

Left-Turn Phasing: Unknown

Turn Prohibitions: Unknown

Operation: Unknown

### 3. Accident Case Details

**Accident Details:** Accident Case ID: 04021955

**Accident**

Accident ID: 04021955

Internal Accident ID: A24242

Inventory Element: I277

Location: 10.58325

GIS Identifier: 04021955

Accident Date: 2004/08/04

Accident Month: August

Accident Time of Day: 1527

Accident Date Stamp: 08/04/04 15:27:00

Accident Year: 2004

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: Intersection-related

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Other multiple-vehicle collision

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Wednesday

Agency Intersection Identifier: 33340



**Table 58. Accident 04021955 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Northbound	Stopped in traffic	Passenger car	Motor vehicle in transport	1935/01/05	69
Vehicle 2	Northbound	Stopped in traffic	Passenger car	Motor vehicle in transport	1947/09/30	56

**Accident Details:** Accident Case ID: 09020571

### Accident

Accident ID: 09020571

Internal Accident ID: A133716

Inventory Element: I277

Location: 10.6124

GIS Identifier: 09020571

Accident Date: 2009/08/06

Accident Month: August

Accident Time of Day: 1146

Accident Date Stamp: 08/06/09 11:46:00

Accident Year: 2009

Accident Severity Level 1: Severe Injury

Number of Fatalities: 0

Number of Non-Fatal Injuries: 1

Relationship to Junction: Intersection-related

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Collision with bicyclist

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: Yes

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Thursday

**Table 59. Accident 09020571 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Entering traffic lane	Sport utility vehicle	Bicyclist	1958/05/22	51
Vehicle 2	Unknown	Unknown	Unknown vehicle configuration	Bicyclist	1958/05/22	51

**Accident Details:** Accident Case ID: 04029690

### Accident

Accident ID: 04029690

Internal Accident ID: A29023

Inventory Element: I277

Location: 10.58325

GIS Identifier: 04029690

Accident Date: 2004/09/01

Accident Month: September

Accident Time of Day: 1305

Accident Date Stamp: 09/01/04 13:05:00

Accident Year: 2004

Accident Severity Level 1: Possible Injury

Number of Fatalities: 0

Number of Non-Fatal Injuries: 2

Relationship to Junction: At intersection

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Other multiple-vehicle collision

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: Left turn

Day of Week: Wednesday

Agency Intersection Identifier: 33340

**Table 60. Accident 04029690 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1943/10/30	60
Vehicle 2	Eastbound	Turning left	Passenger car	Motor vehicle in transport	1958/02/09	46

**Accident Details:** Accident Case ID: 07007687

### Accident

Accident ID: 07007687

Internal Accident ID: A79720

Inventory Element: I277

Location: 10.58325

GIS Identifier: 07007687

Accident Date: 2007/03/01

Accident Month: March

Accident Time of Day: 1104

Accident Date Stamp: 03/01/07 11:04:00

Accident Year: 2007

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: At intersection

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Other multiple-vehicle collision

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Thursday

Agency Intersection Identifier: 33340

**Table 61. Accident 07007687 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Northbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1959/04/07	47
Vehicle 2	Eastbound	Movements essentially straight ahead	Light truck, only four tires	Motor vehicle in transport	1935/08/14	71

**Accident Details:** Accident Case ID: 08010328

#### Accident

Accident ID: 08010328

Internal Accident ID: A104088

Inventory Element: I277

Location: 10.58325

GIS Identifier: 08010328

Accident Date: 2008/04/05

Accident Month: April

Accident Time of Day: 1128

Accident Date Stamp: 04/05/08 11:28:00

Accident Year: 2008

Accident Severity Level 1: Property-Damage-Only

Number of Fatalities: 0

Number of Non-Fatal Injuries: 0

Relationship to Junction: At intersection

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Cloudy

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Rear-end

Contributing Circumstances, Environment: Unknown

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Saturday

Agency Intersection Identifier: 33340

**Table 62. Accident 08010328 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Sport utility vehicle	Motor vehicle in transport	1969/07/05	38
Vehicle 2	Eastbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1981/01/23	27

**Accident Details:** Accident Case ID: 08022249

#### Accident

Accident ID: 08022249

Internal Accident ID: A107695

Inventory Element: I277

Location: 10.58325

GIS Identifier: 08022249

Accident Date: 2008/08/22

Accident Month: August

Accident Time of Day: 0905

Accident Date Stamp: 08/22/08 09:05:00

Accident Year: 2008

Accident Severity Level 1: Non-Incapacitating Injury

Number of Fatalities: 0

Number of Non-Fatal Injuries: 1

Relationship to Junction: At intersection

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Other multiple-vehicle collision

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown  
Work Zone Related: No  
Number of Vehicles Involved: 2  
Alcohol/Drug Involvement: Neither alcohol nor other drugs  
Tow-Away Indicator: Unknown  
Run-Off Road Indicator: No  
Pedestrian Indicator: No  
Bicycle Indicator: No  
Divided Highway Flag-Side of Road: Unknown  
Vehicle Turning Movement: No-turn  
Day of Week: Friday  
Agency Intersection Identifier: 33340

**Table 63. Accident 08022249 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Eastbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1971/01/02	37
Vehicle 2	Northbound	Entering traffic lane	Passenger car	Motor vehicle in transport	1939/10/18	68

**Accident Details:** Accident Case ID: 06006006

**Accident**

Accident ID: 06006006  
Internal Accident ID: A50205  
Inventory Element: I277  
Location: 10.6229  
GIS Identifier: 06006006  
Accident Date: 2006/01/23  
Accident Month: January  
Accident Time of Day: 1545  
Accident Date Stamp: 01/23/06 15:45:00  
Accident Year: 2006  
Accident Severity Level 1: Possible Injury  
Number of Fatalities: 0  
Number of Non-Fatal Injuries: 0  
Relationship to Junction: At intersection  
Driveway Indicator: No  
Light Condition: Unknown  
Weather Condition: Snow  
Roadway Surface Condition: Snow

Accident Type and Manner of Collision: Other multiple-vehicle collision  
 Contributing Circumstances, Environment: Weather conditions  
 Contributing Circumstances, Road: Road surface condition (wet, icy, snow, slush, etc.)  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 2  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: No  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Monday

**Table 64. Accident 06006006 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Southbound	Slowing	Unknown vehicle configuration	Motor vehicle in transport	1951/05/26	54
Vehicle 2	Westbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1950/01/25	55

**Accident Details:** Accident Case ID: 03040571

### Accident

Accident ID: 03040571  
 Internal Accident ID: A16678  
 Inventory Element: I277  
 Location: 10.58325  
 GIS Identifier: 03040571  
 Accident Date: 2003/12/07  
 Accident Month: December  
 Accident Time of Day: 0002  
 Accident Date Stamp: 12/07/03 00:02:00  
 Accident Year: 2003  
 Accident Severity Level 1: Property-Damage-Only  
 Number of Fatalities: 0  
 Number of Non-Fatal Injuries: 0  
 Relationship to Junction: At intersection  
 Driveway Indicator: No  
 Light Condition: Unknown

Weather Condition: Snow

Roadway Surface Condition: Snow

Accident Type and Manner of Collision: Rear-end

Contributing Circumstances, Environment: Weather conditions

Contributing Circumstances, Road: Road surface condition (wet, icy, snow, slush, etc.)

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Sunday

Agency Intersection Identifier: 33340

**Table 65. Accident 03040571 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Unknown	Stopped in traffic	Passenger car	Motor vehicle in transport	1981/04/04	22
Vehicle 2	Unknown	Slowing	Sport utility vehicle	Motor vehicle in transport	1972/03/02	31

**Accident Details:** Accident Case ID: 06014399

#### Accident

Accident ID: 06014399

Internal Accident ID: A55711

Inventory Element: I277

Location: 10.5795

GIS Identifier: 06014399

Accident Date: 2006/06/09

Accident Month: June

Accident Time of Day: 1533

Accident Date Stamp: 06/09/06 15:33:00

Accident Year: 2006

Accident Severity Level 1: Severe Injury

Number of Fatalities: 0

Number of Non-Fatal Injuries: 1



Relationship to Junction: At intersection  
 Driveway Indicator: No  
 Light Condition: Daylight  
 Weather Condition: Cloudy  
 Roadway Surface Condition: Dry  
 Accident Type and Manner of Collision: Other single-vehicle non-collision  
 Contributing Circumstances, Environment: None  
 Contributing Circumstances, Road: None  
 School Bus Related: Unknown  
 Work Zone Related: No  
 Number of Vehicles Involved: 2  
 Alcohol/Drug Involvement: Neither alcohol nor other drugs  
 Tow-Away Indicator: Unknown  
 Run-Off Road Indicator: No  
 Pedestrian Indicator: No  
 Bicycle Indicator: No  
 Divided Highway Flag-Side of Road: Unknown  
 Vehicle Turning Movement: No-turn  
 Day of Week: Friday  
 Agency Intersection Identifier: 33340

**Table 66. Accident 06014399 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Southbound	Entering traffic lane	Light truck, only four tires	Unknown	1945/01/13	61
Vehicle 2	Eastbound	Slowing	Motorcycle/Moped	Unknown	1941/12/22	64

**Accident Details:** Accident Case ID: 02010744

**Accident**

Accident ID: 02010744  
 Internal Accident ID: A1744  
 Inventory Element: I277  
 Location: 10.6229  
 GIS Identifier: 02010744  
 Accident Date: 2002/04/15  
 Accident Month: April  
 Accident Time of Day: 1205  
 Accident Date Stamp: 04/15/02 12:05:00  
 Accident Year: 2002

Accident Severity Level 1: Severe Injury

Number of Fatalities: 0

Number of Non-Fatal Injuries: 4

Relationship to Junction: Intersection-related

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Clear

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Other multiple-vehicle collision

Contributing Circumstances, Environment: Unknown

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Monday

**Table 67. Accident 02010744 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Movements essentially straight ahead	Passenger car	Motor vehicle in transport	1958/09/13	43
Vehicle 2	Eastbound	Stopped in traffic	Passenger car	Motor vehicle in transport	1965/11/21	36

**Accident Details:** Accident Case ID: 04029694

### Accident

Accident ID: 04029694

Internal Accident ID: A28960

Inventory Element: I277

Location: 10.58325

GIS Identifier: 04029694

Accident Date: 2004/09/11

Accident Month: September

Accident Time of Day: 1616

Accident Date Stamp: 09/11/04 16:16:00

Accident Year: 2004

Accident Severity Level 1: Non-Incapacitating Injury

Number of Fatalities: 0

Number of Non-Fatal Injuries: 2

Relationship to Junction: At intersection

Driveway Indicator: No

Light Condition: Daylight

Weather Condition: Cloudy

Roadway Surface Condition: Dry

Accident Type and Manner of Collision: Other multiple-vehicle collision

Contributing Circumstances, Environment: None

Contributing Circumstances, Road: None

School Bus Related: Unknown

Work Zone Related: No

Number of Vehicles Involved: 2

Alcohol/Drug Involvement: Neither alcohol nor other drugs

Tow-Away Indicator: Unknown

Run-Off Road Indicator: No

Pedestrian Indicator: No

Bicycle Indicator: No

Divided Highway Flag-Side of Road: Unknown

Vehicle Turning Movement: No-turn

Day of Week: Saturday

Agency Intersection Identifier: 33340

**Table 68. Accident 04029694 Vehicle-Level Accident Data**

Vehicle ID	Initial Direction of Travel	Vehicle Maneuver/Action	Vehicle Configuration	First Harmful Event	Driver Date of Birth	Driver Age
Vehicle 1	Westbound	Movements essentially straight ahead	Sport utility vehicle	Motor vehicle in transport	1982/11/10	21
Vehicle 2	Westbound	Movements essentially straight ahead	Sport utility vehicle	Motor vehicle in transport	1971/09/18	32

## Appendix C – RSA Presentation

# ROAD SAFETY AUDIT



INTERSECTION OF US ROUTE 4/ MAIN STREET

US ROUTE 4 CORRIDOR FROM LEBANON T/L TO  
MAIN STREET

TOWN OF ENFIELD



# Introductions



- **Presenters**
  - Stuart Thompson – NHDOT
  - Nicolas Bosonetto– CHA
- **Stakeholders**
  - Town of Enfield
  - Upper Valley Lake Sunapee Regional Planning Commission
  - NHDOT

# Agenda



Time	Item
9:30	Welcome and Introductions
9:30-9:45	Presentation on the RSA process, scope and objectives
9:45-10:00	Background information on project area
10:00-10:30	Group discussion on safety issues and concerns
10:30-11:30	Field Review at project sites
11:30-12:00	Return to meeting room – discussion of site observations
12:00-12:15	Discussion of next steps and conclusion of meeting

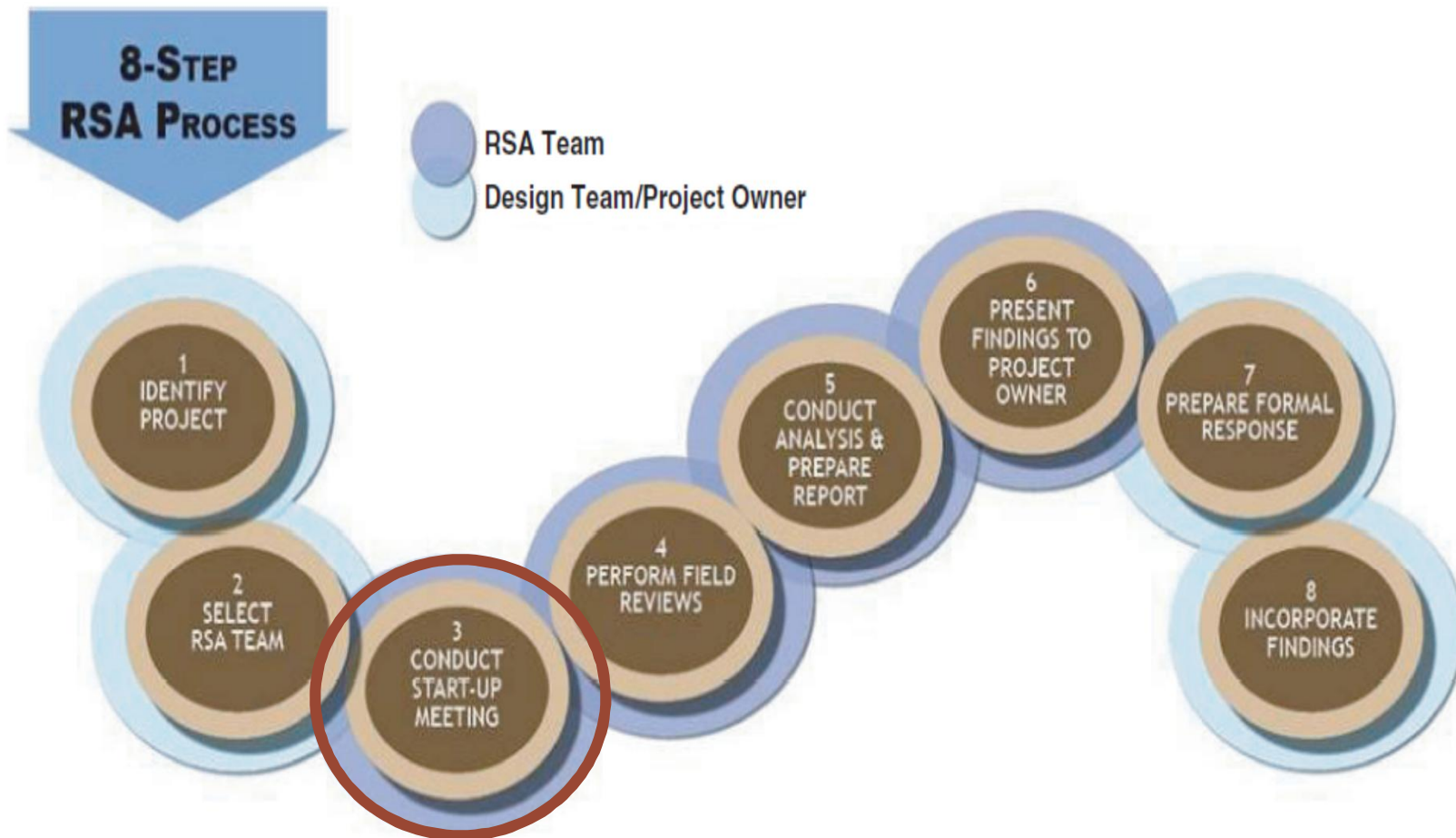
# Road Safety Audit



- A Road Safety Audit (RSA) is a formal safety performance evaluation.
- Conducted by independent, multi-disciplinary RSA Team.
- Goal is to enhance safety for all road users, under all weather conditions.
- RSAs follow an eight step process.
- Outcome is a report identifying short, medium and long term alternatives.



# Step 3 – Conduct Start-Up Meeting



## Step 3 – Conduct Start-Up Meeting



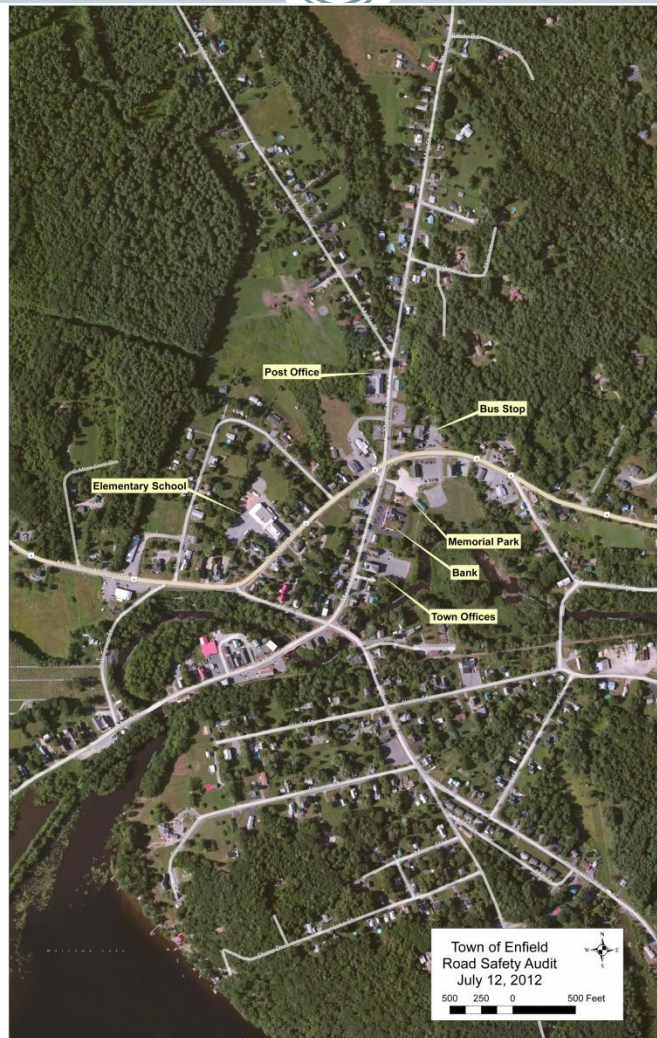
- Goals:
  - Review scope of project
  - Review project crash data
  - Review project traffic data
  - Gather institutional knowledge from Stakeholders

# US 4 Corridor





# US 4/ Main St.



# Traffic Counts – US 4 & Main St.



- Annual Average Daily Traffic (ADT)
  - US 4 @ Lebanon T/L – 11,756 vehicles/day in 2011 (station 145052)
  - US 4 west of Baltic St. - 9,697 vehicles/day in 2011 (station 145074)
  - Main St. @ RR – 1,395 vehicles/day in 2009 (station 145058)
- Turning Movement Counts 3/3/2010
  - Morning Peak Hour 7:15 – 8:15 w/971 vehicles
  - Afternoon Peak Hour 4:15 – 5:15 w/1,050 vehicles
  - 79% of AM traffic is US 4 through traffic
  - 9% of AM traffic is turning right onto US 4
  - 66% of PM traffic is US 4 through traffic
  - 11% of PM traffic is US 4 traffic turning left

# US 4 Corridor from T/L to High St. Crashes 2002 - 2009



- 31 total crashes (avg. 3.875 crashes per year)
- 1 severe injury, 12 minor injury, 18 Property Damage Only (PDO)
- 67% of crashes during daylight
- 6 crashes with animals
- 11 crashes involve fixed objects/run off the road
- 0 crashes involving bicyclist/pedestrian
- 1 other single vehicle crash
- 3 rear-end crashes
- 10 other multiple vehicle crashes
- 2 crashes involved drugs/alcohol
- 9 crashes involve snow/road conditions as attributing factor
- 1 crash involved driveway

# US 4 Corridor from High St. to Main St.

## Crashes 2002 - 2009



- 16 total crashes (avg. 2.0 crashes per year)
- 0 severe injury, 3 minor injury, 13 Property Damage Only (PDO)
- 81% of crashes during daylight
- 1 crash with animals
- 5 crashes involve fixed objects/run off the road
- 0 crashes involving bicyclist/pedestrian
- 4 rear-end crashes
- 6 other multiple vehicle crashes
- 1 crash involved drugs/alcohol
- 2 crashes involve weather/road conditions as attributing factor

# US 4 Other Crashes

## Crashes 2002 - 2009



### High Street Intersection

- 2 total crashes (2008 and 2009 – 1 crash each)
- Both Property Damage Only (PDO)
- 1 crash involved fixed objects/run off the road at night
- 1 crash between through vehicle and vehicle turning left

### Flanders St.

- 1 minor injury

### Flanders St. West

- 5 total crashes
- 2 severe injury, 3 PDO
- Severe injuries were rear end crashes



## US 4/ Main St. Crashes 2002 - 2009



- 11 total crashes (avg. 1.375 crashes per year)
- 3 severe injury, 4 minor injury, 4 Property Damage Only (PDO)
- 91% of crashes during daylight
- 7 crashes right angle crashes
- 2 crashes involve rear-end collisions
- 1 crash involving bicyclist
- 1 single vehicle crash
- No crashes involved drugs/alcohol
- Only 2 crashes involve snow/road conditions as attributing factor

# US Route 4 Corridor Management Study

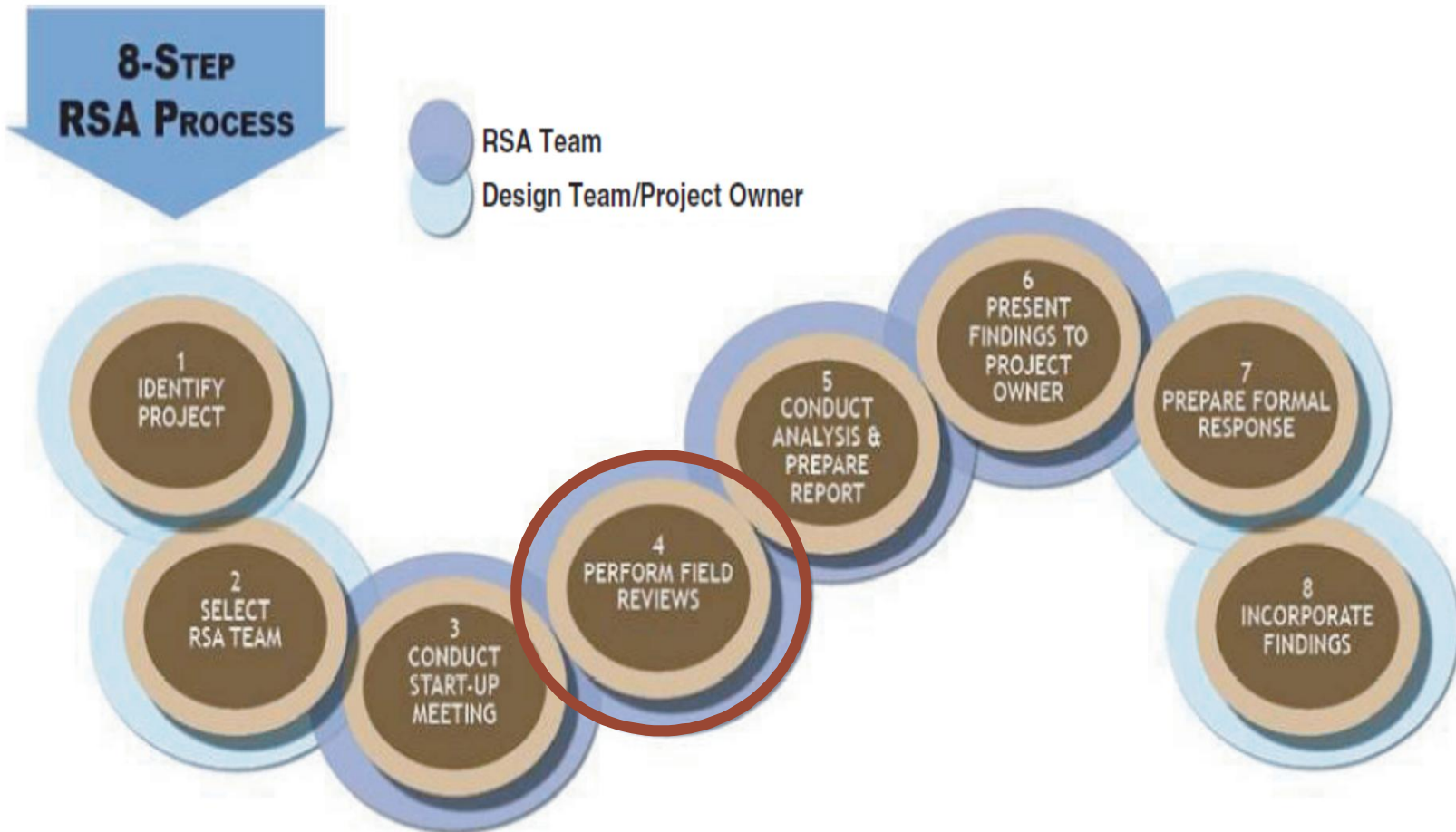


- UVLSRPC Corridor Management Study – Feb. 2007
- Identified sidewalks on Main St from police station to US 4 as a priority;
- Improve level-of-service, safety and geometry at US 4/Main St. intersection;
- Create consistent 4 foot shoulder along US 4;
- Relocate objects from clear zone along US 4;
- Access Management along corridor;
- Protect Mascoma Lake watershed;
- Poor sight distance at Lebanon T/L.

# Institutional Knowledge from Stakeholders



# Step 4 – Field Review



# Step 4 – Field Review



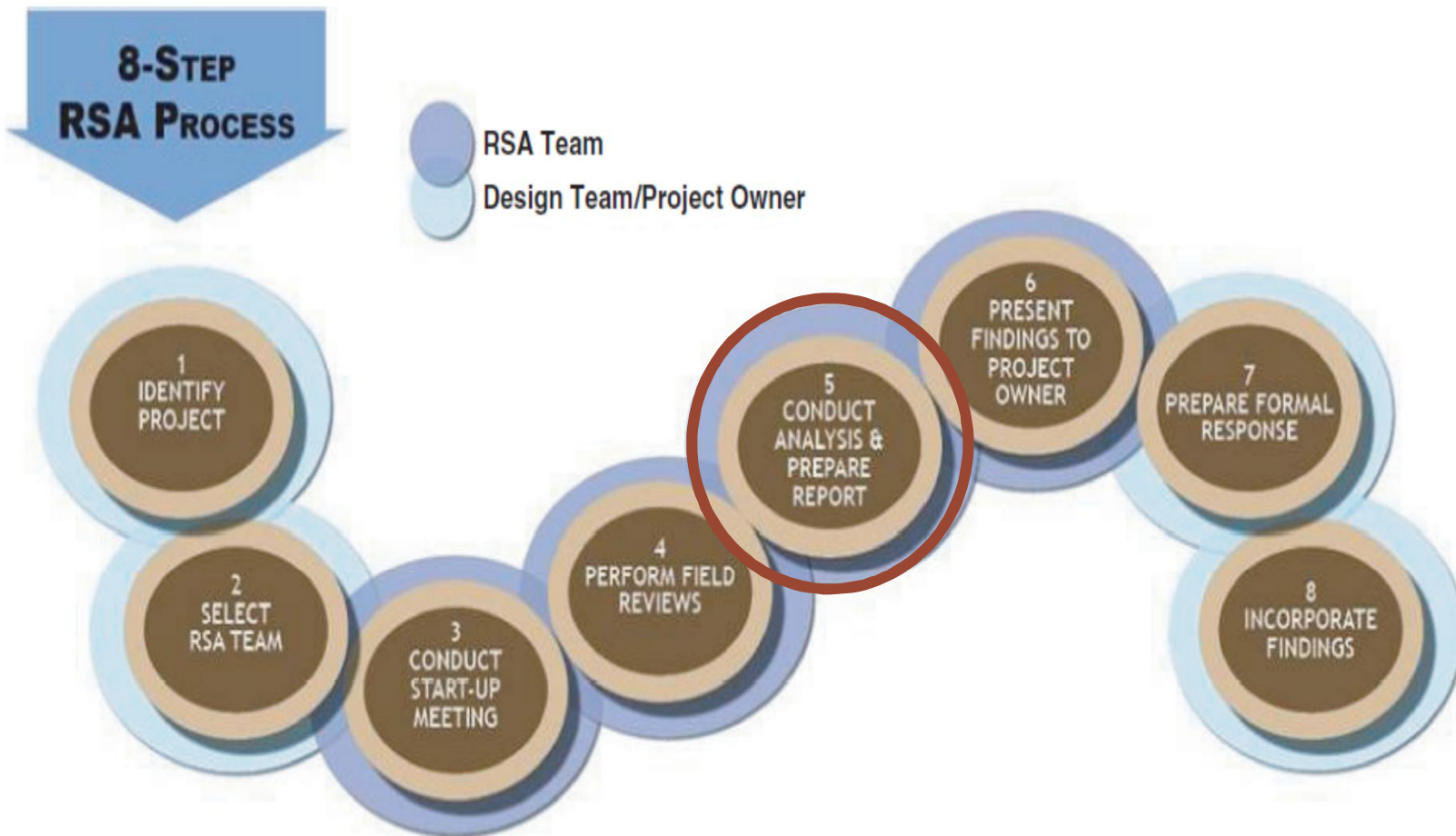
- Goals
  - Observe existing conditions
  - Identify/verify safety concerns
- Things to consider - GORE
  - Geometric attributes and condition of roadway
  - Operations - Traffic movements, signs, pavement markings, lighting
  - Road Users - All possible users and their needs
  - Environment - effect of weather, vegetation and flooding

## Step 4 - Field Review



- **Safety First**
  - Recommend wearing safety vest
  - Be careful of traffic, roadside ditches, culverts, manholes and vegetation
  - Do not block sight lines of vehicles attempting to use intersection
  - Be careful of rocks kicked up by passing trucks
- **Logistics**
  - Carpooling
  - Return to Meeting Room

# Step 5 – Conduct Analysis



# Step 5 – Conduct Analysis



## 1. Identify Safety Risks

- Use checklist and notes from discussions & field visit

### Things to consider - GORE

- Geometric attributes and condition of roadway
- Operations - Traffic movements, signs, pavement markings, lighting
- Road Users - All possible users and their needs
- Environment - effect of weather, vegetation and flooding



# Step 5 – Conduct Analysis



## 3. Brainstorm possible solutions

- All suggestions are welcomed
- Use team members as resources for engineering, enforcement, policy, and education knowledge
- Identify solutions as short, medium, and long term implementation
  - ✦ Short term solutions could feasibly be accomplished within six months
  - ✦ Medium term within six months to two years
  - ✦ Long term solutions would be those that would take more than two years to implement
- Identify Stakeholder responsible for each solution

## Step 5 –Report



- CHA will prepare draft report based on today's meeting
- Draft Report will be circulated to RSA Team
- Final Report will be submitted to NHDOT
- NHDOT will then complete process
  - Will present final report to project owners
  - Document response
  - Implement the recommendations

# Thank you



- Questions/Comments

Nicolas Bosonetto – [nbosonetto@chacompanies.com](mailto:nbosonetto@chacompanies.com)



## Appendix D – RSA Sign-in Sheet

## Road Safety Audit - Town of Enfield

July 12, 2012

[illegible]